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CLIMATE OF LAS VEGAS, NEVADA

ABSTRACT

During the last two decades, the Las Vegas Valley has emerged as one of the fastest growing metropolitan areas in the nation. The population has expanded from about 400,000 in 1980 to 1.8 million people in 2005. In addition, Las Vegas attracts more visitors annually than any other American city except Orlando, Florida. As a result, local forecasters continually field inquiries regarding the area's climate from a broad base of public interests. Official weather observations have been recorded in Las Vegas since 1937, initially at Nellis Field in the northeast portion of the valley, then later at McCarran Field on the south end. This paper is a revision of the 1999 edition and includes updated climate information through 2004. This paper is used as a reference for National Weather Service personnel to aid in responding to climate inquiries and is also intended to be a resource for the local media.

NARRATIVE SUMMARY

I. Topography and History

Las Vegas is located in a broad desert valley in extreme southern Nevada. Mountains surrounding the valley extend 2,000 to 10,000 feet above the valley floor. The Las Vegas Valley comprises about 600 square miles and runs from northwest to southeast. The valley is bounded on the north by the Sheep Range, while Boulder City and the Lake Mead National Recreation Area are generally considered its southern extent. To the west are the Spring Mountains, which include Mt. Charleston, the region's highest peak at 11,918 feet. Several smaller ranges line the eastern rim of the valley, including the Muddy Mountains, the Black Mountains and the Eldorado Range.

Official weather observations began in 1937 at what is now Nellis Air Force Base. In late 1948, the U.S. Weather Bureau moved to McCarran Field, now McCarran International Airport. McCarran is located 7 miles south of downtown Las Vegas. For most of the Las Vegas metropolitan area, the valley floor slopes downward from west to east. This affects the local climatology significantly in terms of driving variations in wind, precipitation, and storm run off.

II. General Climatic Summary

The four seasons are actually well defined in Las Vegas, although they differ from the traditional view of seasonal variation. Summers display classic desert southwest characteristics. Daily high temperatures typically exceed 100 degrees with lows in the 70s. The summer heat is tempered somewhat by the extremely low relative humidities. However, it is not uncommon for humidity to increase markedly for several weeks each summer in association with a moist "monsoonal flow" from the south, typically during July and August. Aside from increasing the discomfort level, these moist winds also support the development of spectacular desert thunderstorms which are frequently associated with significant flash flooding and/or strong downburst winds. On average, sunny days are recorded 85 percent of the time and there are over 300 days per year with no measurable rainfall.

Winters on the whole, are mild and pleasant. Afternoon temperatures average near 60 degrees and skies are mostly clear. Pacific storms occasionally produce rainfall in Las Vegas, but in general, the Sierra Nevada Mountains of eastern California and the Spring Mountains immediately west of the Las Vegas Valley act as effective barriers to moisture.

Snow accumulation is rare in Las Vegas. Flurries are observed once or twice during most winters, but snowfall of an inch or more occurs only once every four to five years. Freezing temperatures do occur with some regularity each year with a 30 year average of 24 days with low temperatures at or below 32 degrees. Snowfall is rather common in the mountains surrounding Las Vegas with the Spring Mountains receiving between 5 and 10 feet annually.

The spring and fall seasons are generally considered ideal. Although rather sharp temperature changes can occur during these months, outdoor activities are seldom hampered.

Strong winds are arguably the most persistent and provoking weather hazard experienced in the area. Winds over 50 mph are infrequent but can occur with some of the more vigorous storms. Winter and spring wind events often generate widespread areas of blowing dust and sand. Strong wind episodes in the summertime are usually connected with thunderstorms, and are thus more isolated and localized. Prevailing wind direction is typically either southwest or north, unless associated with a thunderstorm outflow.

LAS VEGAS NEVADA

PERIOD OF RECORD: 1971-2000

	MAX	MIN	AVG	HDD	CDD	PCPN	SEASON HDD	TOTAL CDD
JAN	57.1	36.8	47.0	574	0	0.59	1520	0
FEB	63.0	41.4	52.2	375	0	0.69	1895	0
MAR	69.5	47.0	58.3	244	20	0.59	2139	20
APR	78.1	53.9	66.0	83	98	0.15	2222	118
MAY	87.8	62.9	75.4	16	323	0.24	2238	441
JUN	98.9	72.3	85.6	0	602	0.08	2238	1043
JUL	104.1	78.2	91.2	0	796	0.44	0	1839
AUG	101.8	76.7	89.3	0	739	0.45	0	2578
SEP	93.8	68.8	81.3	0	474	0.31	0	3052
OCT	80.8	56.5	68.7	57	157	0.24	57	3209
NOV	66.0	44.0	55.0	318	4	0.31	375	3213
DEC	57.3	36.6	47.0	571	0	0.40	946	3213
ANNUAL	79.9	56.3	68.1	2238	3213	4.49		

ALL UNITS OF MEASUREMENT IN THIS DOCUMENT ARE DEFINED AS FOLLOWS:

TEMPERATURES ARE IN DEGREES FAHRENHEIT
PRECIPITATION IS IN INCHES
EXTREMES AND RECORDS ARE CONSIDERED THE SAME THING
HEATING AND COOLING DEGREE DAYS ARE BASED ON A 65 DEGREE STANDARD
(e.g. a mean temp for the day of 75 would equate to 10 cooling degree days
or a mean temp of 50 degrees would equate to 15 heating degree days)
THE HEATING DEGREE DAY SEASON EXTENDS FROM JULY 1 THROUGH JUNE 30
THE COOLING DEGREE DAY SEASON EXTENDS FROM JANUARY 1 THROUGH DECEMBER 31

MONTHLY EXTREMES (RECORDS)

MONTH	HIGH MAX	LAST OCCURRED	LOW MIN	LAST OCCURRED	LOW MAX	LAST OCCURRED	HIGH MIN	LAST OCCURRED
JANUARY	77	01/26/75	8#	01/13/63	28#	01/21/37	58	01/20/99
FEBRUARY	87	02/26/86	16	02/07/89	34	02/06/89	59	02/26/89
MARCH	92	03/21/04	19	03/02/39	42	03/01/71	71	03/23/04
APRIL	99	04/27/00	31	04/02/75	48*	04/02/97	74	04/24/43
MAY	109*	05/28/03	38	05/03/42	60	05/08/79	89	05/28/03
JUNE	116	06/15/40	48*	06/06/93	67	06/04/99	89	06/30/94
JULY	117#	07/24/42	56	07/21/40	81	07/08/92	92#*	07/23/03
AUGUST	116	08/03/79	54	08/03/37	74	08/18/83	90	08/12/03
SEPTEMBER	113	09/01/50	43	09/27/48	67	09/18/65	84	09/01/02
OCTOBER	103	10/01/78	26	10/30/71	50	10/29/71	73	10/05/88
NOVEMBER	87	11/01/88	15	11/24/38	42	11/16/64	62	11/12/83
DECEMBER	78	12/02/40	11	12/23/90	32	12/10/72	57	12/24/55

- EXTREMES FOR ENTIRE PERIOD OF RECORD (1937-2004)
* - ALSO IN PREVIOUS YEARS

PERIOD OF RECORD INCLUDES TWO MAJOR LOCATION MOVES ON DECEMBER 18TH 1948 FROM WHAT IS NOW KNOWN AS NELLIS AIR FORCE BASE (36 DEGREES 14 MINUTES NORTH - 115 DEGREES 02 MINUTES WEST) TO MCCARRAN INTERNATIONAL AIRPORT (36 DEGREES 05 MINUTES NORTH - 115 DEGREES 10 MINUTES WEST) AND FINALLY TO ITS CURRENT LOCATION AT MCCARRAN INTERNATIONAL AIRPORT (36 DEGREES 04 MINUTES 44 SECONDS NORTH - 115 DEGREES 09 MINUTES 19 SECONDS WEST).

JANUARY

TEMPERATURE EXTREMES - 1937 TO 2004
DAILY NORMALS - 1971 TO 2000

DATE	HI MAX	LAST OCCURD	LO MIN	LAST OCCURD	LO MAX	LAST OCCURD	HI MIN	LAST OCCURD	NORMAL MAX/MIN
1	69	1981	21	1954	39	1979	47	1996	56/35
2	69	1997*	13	1974	31	1974	52	1997	56/36
3	69	1997	12	1974	32	1974	47	1998	56/36
4	67	1981	14	1970	33	1974	45	1981	56/36
5	71	2003	12	1950	35	1971	46	1986	56/36
6	74	1962	12	1971	35	1971	50	2003	56/36
7	75	1962	15	1971	36	1971	52	1962	56/36
8	74	1962	19	1937	28#	1937	47	1993	56/36
9	72	1945	11	1937	31	1937	53	2005	56/36
10	69	1996	11	1937	35	1949	54	2005	56/36
11	73	1938	14	1937	36	1949	48	1980	56/36
12	71	1986	14	1963	29	1963	51	1980	56/36
13	73	1945	8#	1963	31	1963	48	1980	56/36
14	74	1945	14	1963	42	1997*	50	1980	57/36
15	73	1945	20	1962	38	1997	44	1996*	57/36
16	73	1976	23	1964	38	1949	50	2000	57/37
17	72	1976	20	1949	36	1949	52	2000	57/37
18	72	1971	20	1949	40	1949	51	2000	57/37
19	74	1971	10	1943	35	1949	51	1998	57/37
20	72	1986	17	1937	33	1937	(58)	1999	57/37
21	69*	2000	13	1937	28#	1937	54	2000	57/37
22	74	1948	9	1937	31	1937	50	1997	58/37
23	76	1948	14	1937	35	1937	47	1997	58/37
24	75	1948	15	1937	31	1937	56	2000	58/38
25	75	1953	8#	1937	35	1949	56	2000	58/38
26	(77)	1975	10	1937	39	1949	52	1956	58/38
27	73	1971	12	1937	39	1949	48	1941	59/38
28	71	1971	18	1937	35	1979	48	1980	59/38
29	71	1976	17	1979	38	1979	50	1997	59/38
30	72	1971	18	1949	38	1979	54	1963	59/39
31	75	2003	19	1949	37	1979	55	1963	60/39

\# - INDICATES THE EXTREME TEMPERATURE FOR ENTIRE PERIOD OF RECORD.
( ) - INDICATES THE MONTHLY EXTREME.
* - AND IN PREVIOUS YEARS.

FEBRUARY

TEMPERATURE EXTREMES - 1937 TO 2004
DAILY NORMALS - 1971 TO 2000

DATE	HI MAX	LAST OCCURD	LO MIN	LAST OCCURD	LO MAX	LAST OCCURD	HI MIN	LAST OCCURD	NORMAL MAX/MIN
1	81	2003	17	1937	37	1985	58	1963	60/39
2	77	1995	22	1951	35	1985	50	1952	60/39
3	75	1995	19	1972	38	1939	47	1992	60/39
4	76	1953	19	1948	43	1949	51	1976	61/39
5	78	1947	18	1939	39	1989	49	1996	61/40
6	78	1963	19	1989	(34)	1989	55	1950	61/40
7	77	1963	(16)	1989	36	1989	48	1993	61/40
8	76	1996	25	1949	36	1989	50	1976	62/40
9	77	1951	19	1946	45	1939	52	2000	62/40
10	74	1951	19	1946	39	1939	54	1962	62/41
11	79	1971	22	1939	44	1948	53	1962	62/41
12	75	1954	22	1965	46	1949	51	1996	63/41
13	79	1957	20	1949	42	1949	52	1954	63/41
14	78	1957	18	1949	42	1990	56	2000	63/41
15	77	1977	22	1949	45	1990	50	1945	63/41
16	79	1996	24	1949	46	1956	55	1991	63/42
17	81	1996	21	1956	49	1956	52	1996	64/42
18	81	1977	17	1938	48	1938	58	1986	64/42
19	82	1981	25	1952	45	1955	58	1986	64/42
20	79	1995	23	1942	43	1955	55	1996	64/42
21	80	1977	21	1955	47	1955	54	1996	64/43
22	77	1961	20	1953	51	1955	54	1995*	65/43
23	79	2002	25	1953	47	1944	53	1957	65/43
24	82	1989	24	1955	49	1987	51	2002	65/43
25	85	1986	26	1960	40	1987	57	1989	65/43
26	(87)	1986	28	1971	40	1944	(59)	1989	65/44
27	83	1986	19	1971	39	1962	56	1940	65/44
28	82	1986	19	1962	45	1962	51	1978	66/44
29	76	1972	33	1996	47	1960	58	1972	66/44

( ) - INDICATES THE MONTHLY EXTREME.
* - AND IN PREVIOUS YEARS.

MARCH

TEMPERATURE EXTREMES - 1937 TO 2004
DAILY NORMALS - 1971 TO 2000

DATE	HI MAX	LAST OCCURD	LO MIN	LAST OCCURD	LO MAX	LAST OCCURD	HI MIN	LAST OCCURD	NORMAL MAX/MIN
1	82	1986	23	1962	(42)	1971	56	1974	66/44
2	82	1967	(19)	1939	47	1951	57	1990	66/44
3	85	1972	23	1971	46	1976	60	1999	66/44
4	84	1972	25	1966	50	1966	58	1972	67/45
5	84	1972	26	1948	51	1976	53	1986	67/45
6	85	1972	24	1939	51	1964	54	1987	67/45
7	84	1972	27	1940	49	1964	53	1994	67/45
8	87	1989	26	1942	43	1952	62	1989	68/45
9	87	1989	27	1964	54	1969	61	1954	68/46
10	89	1972	29	1962	44	1969	59	1982	68/46
11	86	1989	26	1948	47	1958	65	1989	68/46
12	86	1989	27	1940	51	1990	(66)	1989	68/46
13	84	1966	25	1956	47	1969	57	1989	69/47
14	84	2004	27	1962	49	1944	64	2003	69/47
15	84	1994	26	1962	48	1991	59	2004	69/47
16	84	1994	31	1991	52	1963	62	1997	69/47
17	87	1947	30	1955	55	1963	64	1994	70/47
18	88	1972	30	1954	55	1982	64	1974	70/47
19	88	1939	31	1937	51	1979	58	2004*	70/48
20	90	2004	34	1964	49	1991	58	2004*	70/48
21	(92)	2004	26	1955	53	1952	62	2004	71/48
22	91	2004	28	1948	49	1973	61	2004	71/48
23	89	2004*	32	1938	48	1964	71	2004	71/48
24	89	1940	34	1957	53	1995	66	1998	71/49
25	87	1981	31	1964	50	1977	63	2001	72/49
26	87	1947	34	1948	53	1975	65	1971	72/49
27	88	1988	33	1975	49	1991	60	1990	72/49
28	89	1986	31	1975	48	1975	57	1986	73/49
29	86	1966	33	1975	50	1998	60	1986	73/50
30	88	2004*	33	1987	57	1938	59	1999	73/50
31	91	1966	25	1938	48	1949	58	1986	73/50

( ) - INDICATES THE MONTHLY EXTREME.
* - AND IN PREVIOUS YEARS.

APRIL

TEMPERATURE EXTREMES - 1937 TO 2004
DAILY NORMALS - 1971 TO 2000

DATE	HI MAX	LAST OCCURD	LO MIN	LAST OCCURD	LO MAX	LAST OCCURD	HI MIN	LAST OCCURD	NORMAL MAX/MIN
1	92	1966	35	1948	55	1980	62	2003*	74/50
2	95	1966	(31)	1975	(48)	1997	58	1966	74/51
3	91	1961	(31)	1955	52	1965	60	2002	74/51
4	94	1961	(31)	1945	51	1965	63	1989	75/51
5	94	1960	32	1945	59	1965	63	1972	75/51
6	95	1989	35	1945	60	1983	65	1991	75/51
7	98	1989	36	1939	53	1958	62	1960	76/52
8	98	1989	39	1983	56	1965	64	2000	76/52
9	95	1989	32	1953	54	1943	65	2000	76/52
10	91	1985	38	1950	55	1965	70	2002	76/52
11	88	2002	35	1965	54	1965	64	1989	77/53
12	91	1990	32	1967	(48)	1965	72	2002	77/53
13	93	1990	35	1967	58	1972	68	2000	77/53
14	95	2002	38	1983	57	1939	66	2002	78/53
15	97	1947	34	1939	56	1998	64	1994	78/54
16	95	1989	39	1998*	55	1976	66	1962	78/54
17	97	1989	40	1976	56	1963	69	1989	79/54
18	98	1946	35	1963	60	1995	68	1994	79/54
19	98	1938	35	1968	60	1972	65	1994	79/55
20	97	1994	34	1966	62	1967	69	1989	79/55
21	98	1950	37	1966	52	1957	71	1989	80/55
22	97	1939	33	1963	57	2003	70	1950	80/56
23	98	1949	36	1937	58	1999	62	1986	80/56
24	(99)	1946	38	1937	58	1999*	(74)	1943	81/56
25	96	1946	37	1960	64	1971	69	1996	81/56
26	97	1996	42	1967	60	1963	67	1981	81/57
27	(99)*	2000	39	1984	59	1970	70	1996	82/57
28	95	1992	39	1955	55	1970	71	1943	82/57
29	96	1981	35	1970	56	1999	67	1986	82/58
30	(99)	1981	38	1967	56	1999	70	1992	82/58

( ) - INDICATES THE MONTHLY EXTREME.
* - AND IN PREVIOUS YEARS.

MAY

TEMPERATURE EXTREMES - 1937 TO 2004
DAILY NORMALS - 1971 TO 2000

DATE	HI MAX	LAST OCCURD	LO MIN	LAST OCCURD	LO MAX	LAST OCCURD	HI MIN	LAST OCCURD	NORMAL MAX/MIN
1	102	1947	41	1967	62	1955	67	1965	83/58
2	107	1947	43	1955	65	1955	72	1981	83/59
3	108	1947	(38)	1942	67	1950	70	1985	83/59
4	108	1947	40	1959	67	1964	74	2004	84/59
5	108	1947	40	1950	65	1973	75	2004	84/59
6	103	1947	43	1964	63	1964	71	2000	84/60
7	102	1989	41	1938	62	1964	73	2004*	85/60
8	102	1989	42	1964	(60)	1979	74	1989	85/60
9	100	2001	42	1938	69	2003	70	2001	85/61
10	102	1940	41	1948	68	1991	75	2001	86/61
11	103	1960	47	1938	63	1989	70	2001*	86/61
12	104	1996	45	1963	67	1961	74	1993	86/62
13	103	1996	45	1953	66	1998	75	1994	87/62
14	106	1937	45	1998	66	1962	77	1997	87/62
15	107	1937	44	1968	61	1951	74	1997	87/63
16	107	1937	43	1953	67	1962	74	1997	88/63
17	102	1937	43	1962	71	1977	78	1997	88/63
18	103	1973	45	1977	72	1949	73	2002	88/64
19	102	1958	47	1974	63	1974	72	1979	89/64
20	102	1984	46	1975	69	1975	74	1968	89/64
21	104	1942	42	1975	66	1957	76	2001	89/64
22	108	2000	45	1975	73	1971	73	1989	90/65
23	107	2000	48	1980	69	1957	77	2000	90/65
24	105	2001	46	1939	61	1965	81	2000	91/65
25	105	2001	47	1977	69	1996	77	2001	91/66
26	(109)	1951	50	1980	74	1998*	79	2001	91/66
27	108	1974	44	1953	73	1971	80	2001	92/66
28	(109)	2003	50	1971	64	1971	(89)	2003	92/67
29	108	1984	46	1953	66	1971	83	2000	93/67
30	106	2002*	48	1971	74	1988	83	2003	93/67
31	104	2002*	47	1937	68	1991	82	1997	93/68

( ) - INDICATES THE MONTHLY EXTREME.
* - AND IN PREVIOUS YEARS.

JUNE

TEMPERATURE EXTREMES - 1937 TO 2004
DAILY NORMALS - 1971 TO 2000

DATE	HI MAX	LAST OCCURD	LO MIN	LAST OCCURD	LO MAX	LAST OCCURD	HI MIN	LAST OCCURD	NORMAL MAX/MIN
1	107	2001	50	1991	74	1955	80	2002	94/68
2	107	2003	49	1955	76	1999	80	2003*	94/68
3	107	1957	53	1961	69	1949	81	2003	95/69
4	109	1996*	50	1999	(67)	1999	80	2003	95/69
5	108	1996	51	1993	75	1993	83	2003	96/69
6	108	2002*	(48)	1993	70	1993	80	2004	96/70
7	108	1955	52	1954	68	1995	85	2002	96/70
8	111	1955	52	1995	76	1995	81	2002	97/70
9	111	1985	50	1950	75	1954	83	2001	97/71
10	108	1996	51	1954	75	1957	80	2001	97/71
11	109	1956	55	1976	83	1976	81	1996	98/71
12	112	1940	52	1937	82	1943	81	1994	98/71
13	114	1940	49	1938	77	1997	82	1985	98/72
14	115	1940	55	1943	75	1997	83	1979	99/72
15	(116)	1940	52	1962	80	1962	83	1989	99/72
16	114	1940	53	1944	70	1995	87	2000	99/73
17	113	1940	50	1944	79	1995	80	2000*	100/73
18	115	1940	49	1939	82	1979	82	2000	100/73
19	114	1940	56	1939	85	1975	83	1997	100/73
20	113	1961	53	1939	86	1975	84	1996	101/74
21	111	1954	53	1941	86	1947	83	1999	101/74
22	115	1954	56	1944	91	1976	84	2001	101/74
23	113	1959	55	1944	86	1963	83	1954	101/74
24	113	1961	56	1963	86	2003	83	1981	101/75
25	115	1970	55	1941	86	1975	86	1974	102/75
26	114	1970	56	1944	81	1965	86	1994	102/75
27	114	1977	59	1941	83	1991	86	1994	102/75
28	115	1994	55	1941	91	1991	87	1994	102/75
29	115	1994	60	1941	85	1938	87	1977	103/76
30	115	1994	60	1970	83	1982	(89)	1994	103/76

( ) - INDICATES THE MONTHLY EXTREME.
* - AND IN PREVIOUS YEARS.

JULY

TEMPERATURE EXTREMES - 1937 TO 2004
DAILY NORMALS - 1971 TO 2000

DATE	HI MAX	LAST OCCURD	LO MIN	LAST OCCURD	LO MAX	LAST OCCURD	HI MIN	LAST OCCURD	NORMAL MAX/MIN
1	116	1972	58	1938	88	1980	90	1994	103/76
2	115	1950	62	1943	93	1980	89	2002	103/76
3	116	1937	60	1943	(81)	1961	89	1996	103/77
4	115	1985	60	1941	89	1949	85	1986	103/77
5	116	1985	60	1938	89	1937	86	1981	103/77
6	115	1989	63	1939	84	1950	90	1957	104/77
7	114	1989	62	1939	92	1950	83	1996*	104/77
8	113	1989	60	1938	(81)	1992	91	1989	104/78
9	113	1943	63	1938	89	1999	86	1996	104/78
10	114	2003*	64	1948	91	1974	89	2002	104/78
11	116	1959	62	1944	87	1989	89	2002	104/78
12	114	2003*	62	1937	87	1999	85	1985	104/78
13	115	1939	64	1944	85	1999	89	2003*	104/78
14	116	1972	63	1952	94	1953	92#	2002	104/78
15	114	1949	62	1944	89	1974	86	2002	104/78
16	116	1998	65	1944	91	1953	87	1977	104/78
17	115	1959	62	1940	90	1953	87	1997	105/79
18	115	1979	59	1940	85	1985	88	2003	105/79
19	115	1989	(56)	1937	90	1943	84	1990	105/79
20	113	1959	58	1940	(81)	1979	88	1989	105/79
21	113	1942	(56)	1940	86	1986	87	2003	105/79
22	114	1937	62	1943	85	1984	92#	2003	105/79
23	115	1942	61	1938	89	1998*	92#	2003	105/79
24	117#	1942	64	1957	86	1965	87	2002	105/79
25	115	1942	66	1944	87	1954	86	1980	104/79
26	116	1943	65	1944	91	1950	87	2000	104/79
27	115	1943	63	1944	90	1969	86	1995	104/79
28	114	1995	61	1984	84	1984	87	2003*	104/79
29	115	1995	64	1984	92	1999	88	1980	104/79
30	114	1978	64	1941	87	1976	87	1972	104/79
31	115	1978	65	1940	92	2003	86	1995	104/79

\# - INDICATES THE EXTREME TEMPERATURE FOR ENTIRE PERIOD OF RECORD.
( ) - INDICATES THE MONTHLY EXTREME.
* - AND IN PREVIOUS YEARS.

AUGUST

TEMPERATURE EXTREMES - 1937 TO 2004
DAILY NORMALS 1971 TO 2000

DATE	HI MAX	LAST OCCURD	LO MIN	LAST OCCURD	LO MAX	LAST OCCURD	HI MIN	LAST OCCURD	NORMAL MAX/MIN
1	(116)	1979	66	1940	86	2003	86	2000*	104/79
2	115	1979	55	1937	94	1991	88	2000*	104/79
3	(116)	1979	(54)	1937	81	1951	87	1980	104/79
4	114	1979	58	1937	82	1970	86	1995	104/78
5	113	1969	63	1953	89	1992	85	2000*	104/78
6	114	1978	64	1950	95	1963	88	1994	103/78
7	111	1994	63	1950	92	1963	88	1997*	103/78
8	114	1978	64	1957	91	1938	88	1995	103/78
9	114	1940	65	1951	87	1989	86	1975	103/78
10	115	1940	60	1937	82	1983	89	1995	103/78
11	(116)	1940	60	1948	86	1991	87	2003	103/78
12	115	1937	60	1949	82	1979	(90)	2003	103/78
13	113	1937	60	1949	83	1972	87	2000	103/77
14	111	2002	64	1984	89	1972	86	2003	102/77
15	111	2002	60	1938	85	1990	84	1992	102/77
16	113	1939	58	1938	84	1943	85	1992	102/77
17	111	1939	55	1938	(74)	1983	86	1994	102/77
18	111	1992	60	1944	(74)	1983	85	1973	102/77
19	111	1992	60	1938	81	1983	85	1992	101/76
20	110	1950	55	1938	78	1957	87	1992	101/76
21	109	1940	63	1957	(74)	1957	83	1994	101/76
22	110	1939	60	1968	86	1968	81	1986	101/76
23	109	1998*	56	1947	88	1968	85	1998	101/76
24	110	1985	56	1968	80	1982	84	1998*	100/75
25	110	1985	59	1944	84	1982	83	1998*	100/75
26	109	2001	55	1943	91	1982	82	1998	100/75
27	109	2001	60	1943	90	1972	82	1994	100/75
28	110	1944	58	1945	84	1951	80	1958	100/75
29	110	1948	57	1947	82	2000	85	1998	99/74
30	112	1948	55	1947	80	2000	86	1981	99/74
31	112	1948	55	1942	86	1991	83	1985	99/74

( ) - INDICATES THE MONTHLY EXTREME.
***** - AND IN PREVIOUS YEARS

SEPTEMBER

TEMPERATURE EXTREMES - 1937 TO 2004
DAILY NORMALS - 1971 TO 2000

DATE	HI MAX	LAST OCCURD	LO MIN	LAST OCCURD	LO MAX	LAST OCCURD	HI MIN	LAST OCCURD	NORMAL MAX/MIN
1	(113)	1950	57	1942	80	1960	(84)	2002	99/74
2	110	1950	56	1964	79	1940	83	1958	98/73
3	108	1982	55	1946	78	1997	80	1969	98/73
4	111	1947	57	1941	79	1939	83	2002*	98/73
5	109	1977	52	1940	80	1970	82	1995	97/72
6	110	1955	54	1970	70	1939	80	1989	97/72
7	108	1977	56	1938	79	1950	80	2003*	97/72
8	110	1979	56	1965	84	1941	80	1995	96/71
9	108	1944	50	1941	81	1975	81	1999	96/71
10	108	1945	48	1941	79	1976	81	1994	96/71
11	109	1945	54	1952	77	1985	80	1960	96/71
12	108	1948	53	1985	80	1988	82	1993	95/70
13	109	1948	52	1952	83	1994	80	1960	95/70
14	107	1945	50	1941	82	1978	80	1960	95/70
15	107	2000*	49	1941	83	1986	77	1955	94/69
16	107	1937	49	1941	80	1982	79	2003*	94/69
17	108	1937	53	1941	71	1965	76	1944	93/68
18	108	1937	53	1965	(67)	1965	79	1980	93/68
19	104	1962	47	1965	70	1985	78	1962	93/68
20	103	1951	46	1965	72	1952	75	1981	92/67
21	104	1943	49	1978	75	1988	77	2000	92/67
22	104	1949	51	1944	72	1941	73	1992	92/67
23	104	1947	46	1941	73	1986	76	1992	91/66
24	106	1947	45	1941	69	1986	79	1992	91/66
25	106	1947	47	1945	68	1939	82	2002	90/65
26	105	1947	45	1948	75	1986	73	2002	90/65
27	104	1947	(43)	1948	68	1986	73	2002	90/65
28	103	1978	48	1971	68	1986	74	1994	89/64
29	102	1978	51	1940	75	1959	72	1957	89/64
30	101	1978	47	1982	69	1982	74	1969	88/63

( ) - INDICATES THE MONTHLY EXTREME.
* - AND IN PREVIOUS YEARS

OCTOBER

TEMPERATURE EXTREMES - 1937 TO 2004
DAILY NORMALS - 1971 TO 2000

DATE	HI MAX	LAST OCCURD	LO MIN	LAST OCCURD	LO MAX	LAST OCCURD	HI MIN	LAST OCCURD	NORMAL MAX/MIN
1	(103)	1978	42	1971	69	1971	(75)	2003	88/63
2	100	1980	43	1971	59	2002	74	1997	88/63
3	99	1987	44	1950	71	1969	72	2003	87/62
4	100	1947	43	1940	69	1969	69	1979	87/62
5	99	1980	41	1937	65	1946	73	1988	86/61
6	98	1980	43	1969	71	1946	72	1990	86/61
7	99	1978	36	1941	68	1938	73	1960	85/60
8	98	1964	41	1941	59	1961	68	1991	85/60
9	97	1996*	41	1949	61	1961	69	1963	84/60
10	97	1996*	40	1961	64	1960	73	2003	84/59
11	95	1991	43	1961	65	1997	70	1980	83/59
12	97	1950	38	1946	63	1947	71	1991	83/58
13	95	1992	41	1946	66	1981	64	2003	82/58
14	96	1950	42	1981	65	1966	69	1992	82/57
15	94	1958	43	1966	66	1994	70	1950	81/57
16	96	1991	42	1984	60	1971	66	1950	81/57
17	94	1991	38	1938	57	1971	67	1991	81/56
18	95	1958	35	1938	60	1971	63	1991	80/56
19	96	1940	35	1946	57	1949	70	1958	80/55
20	95	1940	36	1943	58	1949	64	2003*	79/55
21	94	2003	32	1949	59	2004	65	2001	78/54
22	92	2003	38	1996	54	1953	64	2003*	78/54
23	94	1959	37	1953	60	1953	63	2003*	77/53
24	92	1959	36	1953	60	1956	64	1983	77/53
25	92	1937	32	1945	64	1954	61	1950	76/53
26	90	1937	35	1945	56	1951	60	1950	76/52
27	92	1937	35	1939	58	1996	61	1950	75/52
28	91	1937	32	1970	53	1996	66	1999*	75/51
29	90	1950	30	1971	(50)	1971	65	1988	74/51
30	87	1937	(26)	1971	52	1971	66	1950	74/50
31	86	1988	30	1971	51	1961	62	1990	73/50

( ) - INDICATES THE MONTHLY EXTREME.
* - AND IN PREVIOUS YEARS.

NOVEMBER

TEMPERATURE EXTREMES - 1937 TO 2004
DAILY NORMALS - 1971 TO 2000

DATE	HI MAX	LAST OCCURD	LO MIN	LAST OCCURD	LO MAX	LAST OCCURD	HI MIN	LAST OCCURD	NORMAL MAX/MIN
1	(87)	1988	33	1971	59	1956	60	1988	73/49
2	84	1937	28	1943	56	1974	57	1953	72/49
3	85	1976	26	1943	52	1994	58	1960	72/49
4	85	1988	26	1956	56	1957	59	2001	71/48
5	84	1980	28	1940	50	1957	60	2001	71/48
6	85	1988	27	1940	57	1938	57	1970	70/47
7	83	1991	23	1938	60	1986	57	2001	70/47
8	83	1950	24	1938	55	1946	(62)	2002	69/47
9	82	1978	26	1945	55	1966	58	2002	69/46
10	81	1990	27	1948	52	1950	60	1978	68/46
11	85	1973	24	1950	51	2000	58	1980	68/45
12	81	1973	24	1950	48	1985	(62)	1983	67/45
13	81	1953	16	1938	49	1985	(62)	1981	67/45
14	81	1995	22	1938	45	1964	61	1981	66/44
15	82	1981	24	1938	47	1964	54	1942	66/44
16	78	1977	24	1938	(42)	1964	51	1981	65/44
17	79	1981	28	1958	43	1964	58	1999	65/43
18	79	1949	23	1958	48	1964	58	1942	65/43
19	78	1976	24	1985	46	1985	55	1950	64/43
20	76	1976	23	1956	46	1953	54	1946	64/42
21	77	1976	24	1945	48	2004	57	1996	63/42
22	77	1976	24	1941	50	2004	55	1996	63/42
23	76	1995*	24	1941	48	1952	50	1965	63/41
24	81	1949	(15)	1938	47	2003	50	1998*	62/41
25	76	1970	18	1938	47	1988	48	1985	62/41
26	75	1997*	24	1944	49	1984	50	1989	62/40
27	79	1954	21	1952	45	1984	48	1977	61/40
28	73	1977	19	1938	48	1976	48	1939	61/40
29	74	2000	21	1948	49	2004*	47	2002*	61/40
30	79	1980	22	1948	47	2004	50	1961	60/39

( ) - INDICATES THE MONTHLY EXTREME.
* - AND IN PREVIOUS YEARS

DECEMBER

TEMPERATURE EXTREMES - 1937 TO 2004
DAILY NORMALS - 1971 TO 2000

DATE	HI MAX	LAST OCCURD	LO MIN	LAST OCCURD	LO MAX	LAST OCCURD	HI MIN	LAST OCCURD	NORMAL MAX/MIN
1	74	1940	26	1957	51	2004*	52	1999	60/39
2	(78)	1940	24	1948	51	1991	54	1966	60/39
3	77	1980	23	1948	48	1984	46	1966	60/39
4	76	1939	24	1948	50	1992	52	1980	59/38
5	76	1938	18	1948	42	1972	52	1956	59/38
6	76	1938	23	1942	41	1978	55	1966	59/38
7	76	1938	21	1948	39	1978	56	2003	59/38
8	77	1939	23	1978	38	1978	48	1988	58/37
9	71	1975	16	1956	37	1972	51	1970	58/37
10	74	1950	20	1972	(32)	1972	52	1996	58/37
11	72	1939	21	1972	36	1972	50	1996	58/37
12	74	1958	15	1949	34	1972	51	1995	58/37
13	70	1952	19	1949	35	1967	55	1995	57/37
14	72	1942	16	1945	36	1967	46	1995	57/36
15	75	1980	14	1940	40	1987	54	1998	57/36
16	74	1980	23	1964	41	1940	49	2002	57/36
17	71	1942	20	1945	43	1967	46	1952	57/36
18	72	1939	22	1945	42	1984	48	1962	57/36
19	68	1942	22	1945	42	1970	48	1943	56/36
20	73	1981	14	1945	42	1990	49	1943	56/36
21	68	1950	20	1990	35	1990	51	1981	56/36
22	68	1950	12	1990	34	1990	49	1982	56/36
23	74	1955	(11)	1990	33	1990	44	2003*	56/36
24	70	1942	14	1990	39	1990	(57)	1955	56/36
25	69	1964	17	1948	40	1962	50	1955	56/36
26	73	1980	20	1962	39	1941	48	1983	56/36
27	70	1980	19	1988	36	1941	49	1955	56/35
28	73	1980	20	1954	42	1988	47	1980	56/35
29	73	1980	23	1962	43	1982	52	1951	56/35
30	70	1980	15	1990	40	1990	48	1996*	56/35
31	74	1995	18	1990	45	1975	48	2004	56/36

( ) - INDICATES THE MONTHLY EXTREME.
* - AND IN PREVIOUS YEARS

TOP 10 WETTEST AND DRIEST YEARS AND OVERALL MONTHS

10 WETTEST MONTHS	10 DRIEST MONTHS
* 4.80.....MAR 1992	0.00 MANY TIMES
* 3.39.....SEP 1939	
* 3.00.....JAN 1995	
* 2.89.....FEB 1998	
* 2.59.....AUG 1957	
2.52.....FEB 1993	
2.49.....FEB 1976	
* 2.48.....JUL 1984	
* 2.44.....APR 1965	
2.25.....FEB 1980	

* INDICATES WETTEST ALL TIME FOR THAT PARTICULAR MONTH

10 WETTEST YEARS	10 DRIEST YEARS
10.72.....1941	0.56.....1953
9.88.....1992	0.76.....1948#
7.96.....1965	1.11.....1968
7.76.....2004	1.12.....1964
7.65.....1978	1.27.....1985
7.35.....1998	1.44.....2002
7.30.....1939	1.45.....1962
6.86.....2003	1.91.....1966
6.85.....1984	2.04.....1956
6.79.....1979	2.11.....1989

INTERRUPTED DURING MOVE

TOP 10 WETTEST AND DRIEST MONTHS BY MONTH

10 WETTEST MONTHS (BY MONTH)	10 DRIEST MONTHS (BY MONTH)
JANUARY	**JANUARY**
3.00.....1995	0.00.....1976 (MOST RECENT)
2.41.....1949	TRACE....2002 (MOST RECENT)
2.18.....1979	
2.07.....2005	
2.00.....1974	
1.63.....1993	
1.57.....1969	
1.55.....1939	
1.45.....1980	
1.40.....1955	
FEBRUARY	**FEBRUARY**
2.89.....1998	0.00.....1977 (MOST RECENT)
2.52.....1993	TRACE....2002 (MOST RECENT)
2.49.....1976	
2.25.....1980	
2.21.....2001	
2.13.....2003	
1.64.....1973	
1.59.....2000	
1.58.....1941	
1.51.....1978	
MARCH	**MARCH**
4.80.....1992	0.00.....1997 (MOST RECENT)
1.83.....1973	TRACE....1999 (MOST RECENT)
1.63.....1941	
1.58.....1945	
1.50.....1952	
1.44.....1981	
1.17.....1938	
1.13.....1978	
1.07.....1975	
1.03.....1998	
APRIL	**APRIL**
2.44.....1965	0.00.....2002/1996/1962
1.68.....1941	TRACE....2000 (MOST RECENT)
0.92.....2004	
0.85.....1943	
0.76.....1988	
0.73.....1999	
0.64.....1958	
0.57.....1952	
0.55.....1939	
0.55.....1957	

10 WETTEST AND DRIEST MONTHS BY MONTH (CONT)

MAY	MAY
0.96.....1969	0.00.....2004 (MOST RECENT)
0.90.....1987	TRACE....2000 (MOST RECENT)
0.84.....1971	
0.72.....1977	
0.64.....1989	
0.54.....1978	
0.50.....1981	
0.46.....1972	
0.40.....1965	
0.35.....1979/1975	

JUNE	JUNE
0.97.....1990	0.00.....2003 (MOST RECENT)
0.82.....1967	TRACE....2004 (MOST RECENT)
0.39.....1955	
0.32.....1972	
0.31.....1968	
0.23.....1938	
0.23.....1969	
0.22.....1984	
0.19.....1991	
0.18.....1970	

JULY	JULY
2.48.....1984	0.00.....1993 (MOST RECENT)
2.18.....1999	TRACE....2000 (MOST RECENT)
1.95.....1976	
1.68.....1945	
1.64.....1956	
1.61.....1954	
1.55.....1955	
1.34.....1950	
1.08.....2003	
0.93.....1941	

AUGUST	AUGUST
2.59.....1957	0.00.....2002 (MOST RECENT)
2.12.....1979	TRACE....1996 (MOST RECENT)
1.79.....1970	
1.77.....1942	
1.75.....1941	
1.74.....1955	
1.38.....1977	
1.25.....1983	
0.99.....1984	
0.90.....1971	

10 WETTEST AND DRIEST MONTHS BY MONTH (CONT)

SEPTEMBER	SEPTEMBER
3.39.....1939	0.00.....2000 (MOST RECENT)
2.06.....1997	TRACE....2001 (MOST RECENT)
1.58.....1963	
1.29.....1998	
1.17.....1975	
1.09.....1976	
1.03.....1967	
0.98.....1951	
0.88.....1940	
0.87.....1952	
0.63.....1972	

OCTOBER	OCTOBER
1.22.....1992	0.00.....2003 (MOST RECENT)
1.13.....1941	TRACE....1999 (MOST RECENT)
1.13.....1947	
1.12.....1972	
0.92.....2000	
0.70.....1976	
0.66.....1946	
0.63.....1958	
0.62.....1978	
0.61.....1974/1963	

NOVEMBER	NOVEMBER
2.22.....1965	0.00.....1999 (MOST RECENT)
1.88.....1960	TRACE....2000 (MOST RECENT)
1.80.....1987	
1.71.....2004	
1.52.....1967	
1.09.....1959	
1.09.....1972	
1.04.....1946	
0.96.....1958	
0.94.....1984	

DECEMBER	DECEMBER
2.10.....2004	0.00.....1981 (MOST RECENT)
1.78.....1940	TRACE.....1999 (MOST RECENT)
1.71.....1992	
1.68.....1984	
1.38.....1959	
1.34.....1943	
1.15.....1978	
1.06.....1977	
1.00.....1965	
0.96.....2003/1947	

MEASURABLE PRECIPITATION DAYS AND EXTREMES

NORMAL (.01 DAYS) (1971-2000)	MOST EVER (.01 DAYS) (1937-2004)
JAN.....3.4	13.....1995
FEB.....3.3	12.....1998
MAR.....3.6	12.....1973
APR.....1.8	8.....1965
MAY.....1.6	4.....1995 (MOST RECENT)
JUN.....0.7	3.....1972/1967/1949
JUL.....2.6	8.....1984/1976
AUG.....3.0	9.....1983
SEP.....1.7	8.....1967/1939
OCT.....1.8	8.....1946
NOV.....1.8	6.....1978/1965/1946
DEC.....3.1	9.....1992/1984
YEARLY AVG.....28.5	

NORMAL (.10 DAYS) (1971-2000)	MOST EVER (.10 DAYS) (1937-2004)
JAN.....1.8	7.....1979/1949
FEB.....1.7	8.....1998
MAR.....1.5	9.....1992
APR.....0.5	6.....1965
MAY.....0.6	3.....1977
JUN.....0.3	2.....1990 (MOST RECENT)
JUL.....1.0	5.....1950
AUG.....1.1	4.....1983/1972
SEP.....0.7	5.....1939
OCT.....0.7	4.....2000/1974
NOV.....0.7	3.....2004 (MOST RECENT)
DEC.....1.3	6.....1943
YEARLY AVG....11.9	

CONSECUTIVE WET AND DRY DAYS

CONSECUTIVE WET DAYS (0.01 INCH OR GREATER)@

6.....2/24/2003
6.....4/06/1943
5.....1/12/1993
5.....8/06/1983
5.....1/04/1974
5.....1/09/1949
5.....2/27/1938

CONSECUTIVE DAYS WITH A TRACE OR BETTER @

9.....2/05/1978
9.....7/23/1952
9.....2/14/1941
7.....8/18/1999
7.....9/03/1998
7.....1/12/1993
7.....4/06/1965
7.....7/30/1947

@Dates are first day of occurrence

CONSECUTIVE DRY DAYS*

101.....7/02/1944-10/10/1944 AND 9/02/1995-12/11/1995
100.....3/25/2002-7/02/2002
84.....5/02/1978-7/24/1978

CONSECUTIVE DAYS WITHOUT MEASURABLE PRECIPITATION**

150.....2/22/1959-7/21/1959
146.....3/09/2000-8/01/2000
145.....5/31/1944-10/22/1944
143.....2/12/1950-7/04/1950
140.....9/22/1999-2/09/2000

*Dry days are defined as having less than a trace (T) of precipitation.
**Measurable precipitation is defined as a hundredth (0.01) or greater.

PRECIPITATION RECORDS

(MAXIMUM MONTHLY 24 HOUR PRECIPITATION)

JANUARY	1.09.....1990
FEBRUARY	1.30.....1993
MARCH	1.27.....1992
APRIL	0.97.....1965
MAY	0.83.....1983
JUNE	0.97.....1990
JULY	1.36.....1984
AUGUST	2.59.....1957
SEPTEMBER	1.12.....1939
OCTOBER	1.09.....1992
NOVEMBER	1.78.....1960
DECEMBER	2.10.....2004

MOST PRECIPITATION IN 24 HOURS

2.59.....8/20-21/1957
2.10.....12/28-29/2004
1.78.....11/05-06/1960
1.75.....8/09-10/1942
1.56.....8/12/1979
1.36.....7/28/1984
1.34.....8/16-17/1977
1.32.....8/03-04/1955
1.32.....7/24/1956
1.30.....2/07-08/1993

10 COLDEST AND HOTTEST YEARS AND OVERALL MONTHS

10 COLDEST YEARS	10 HOTTEST YEARS
64.1.....1941	70.0.....2003
64.2.....1949	69.7.....2000
64.3.....1937	69.6.....2001
64.3.....1938	69.4.....2004
64.6.....1948	69.4.....1996
64.8.....1955	69.2.....1981
64.8.....1964	69.0.....1994
64.8.....1971	69.0.....1995
65.0.....1951	68.9.....2002
65.1.....1939/65/82	68.7.....1989

10 HOTTEST YEARS FOR MAXIMUM TEMPERATURE	10 HOTTEST YEARS FOR MINIMUM TEMPERATURE
83.0.....1940	59.4.....2003
83.0.....1947	59.0.....2004
82.8.....1943	58.6.....2000
82.3.....1942	58.6.....2001
82.3.....1977	57.5.....1996
82.0.....1989	57.5.....1997
81.9.....1950	57.4.....2002
81.9.....1981	57.3.....1994
81.7.....1937	57.2.....1995
81.7.....1946	57.0.....1999

10 COLDEST YEARS FOR MAXIMUM TEMPERATURE	10 COLDEST YEARS FOR MINIMUM TEMPERATURE
77.0.....1982	47.2.....1937
77.5.....1983	47.8.....1938
77.6.....1998	48.3.....1948
77.8.....1965	48.9.....1939
78.0.....1971	49.6.....1941
78.3.....1964	49.7.....1942
78.4.....1984	50.2.....1949
78.5.....1949	50.3.....1944
78.6.....1975	50.4.....1945
78.6.....1957/1955	50.4.....1940

10 COLDEST OVERALL MONTHS	10 HOTTEST OVERALL MONTHS
31.2.....JAN 1937	94.8.....JUL 2003
32.4.....JAN 1949	94.5.....JUL 2002
40.2.....DEC 1990	93.4.....JUL 1959
40.8.....DEC 1968	93.4.....JUL 1989
40.9.....JAN 1973	93.2.....JUL 1997
41.0.....JAN 1960	93.1.....JUL 1972
41.0.....JAN 1974	93.0.....JUL 2004
41.1.....JAN 1955	92.9.....AUG 1994
41.1.....JAN 1963	92.8.....JUL 1971
41.1.....JAN 1979*	92.7.....JUL 1981

* and previous years

10 COLDEST AND HOTTEST MONTHS BY MONTH

COLDEST		HOTTEST	
JANUARY		**JANUARY**	
31.2	1937	54.2	2003
32.4	1949	51.7	1986
40.9	1973	51.4	2005
41.0	1960	51.4	2000
41.0	1974	51.1	1981
41.1	1955	50.5	1999
41.1	1979	50.4	1953
41.1	1963	49.5	1980
41.2	1950	49.3	1994
41.8	1952	48.8	1956
FEBRUARY		**FEBRUARY**	
41.2	1939	58.6	1995
41.8	1949	55.9	1991
43.7	1955	55.8	1963
44.8	1937	55.8	1986
45.6	1956	55.7	1968
45.6	1964	55.0	1957
45.8	1966	54.8	1996
46.0	1960	54.2	1977
46.3	1942	54.1	1954
46.3	1969	54.1	1992
MARCH		**MARCH**	
50.4	1948	66.5	2004
50.4	1952	63.7	1972
50.7	1973	63.4	1989
51.3	1962	63.0	1986
52.1	1948	62.7	1994
52.2	1954	62.6	1997
52.3	1964	60.8	1993
52.6	1977	60.5	1990
52.7	1991	60.5	1999
53.0	1969	60.5	2001
APRIL		**APRIL**	
56.2	1967	72.7	1989
56.6	1975	71.2	2000
58.5	1963	70.6	1981
58.5	1983	70.5	1992
58.6	1970	70.3	1962
59.2	1941	69.7	2002
60.3	1955	69.6	1954
60.9	1999	69.1	1946
61.1	1998	68.8	1990
61.2	1965	68.7	1959

10 COLDEST AND HOTTEST MONTHS BY MONTH (CONT)

MAY		MAY	
66.2	1953	82.2	2001
67.7	1977	81.6	1997
68.0	1971	80.8	2000
69.0	1980	80.7	1984
69.3	1957	79.1	2004
69.6	1965	78.8	1947
69.9	1991	78.0	1940
70.0	1998	78.0	1958
70.2	1938	77.9	2003
70.2	1955	77.8	1976

JUNE		JUNE	
77.6	1944	90.3	1994
78.0	1965	89.1	1974
78.6	1963	88.8	1981
78.8	1941	88.7	2000
79.6	1967	88.1	2002
80.0	1998	88.1	2004
80.2	1943	88.0	1977
80.3	1952	87.9	2001
80.8	1945	87.9	2003
80.9	1995	87.8	1986

JULY		JULY	
86.9	1976	94.8	2003
86.9	1987	94.5	2002
87.0	1938	93.4	1959
87.1	1944	93.4	1989
87.2	1941	93.3	1994
87.2	1955	93.2	1996
87.6	1986	93.1	1972
87.8	1937	93.0	2004
88.1	1982	92.8	1971
88.2	1999	92.7	1981

AUGUST		AUGUST	
83.0	1941	93.1	1995
83.5	1968	92.9	1994
83.8	1983	92.2	1969
85.0	1949	92.0	1998
85.4	1984	91.9	1996
85.5	1951	91.9	2001
85.5	1976	91.2	1986
85.9	1979	90.8	1952
86.0	1938	90.7	1997
86.0	1954	90.6	2002

10 COLDEST AND HOTTEST MONTHS BY MONTH (CONT)

SEPTEMBER		SEPTEMBER	
73.0	1941	85.3	1979
74.8	1965	85.1	2001
75.4	1985	84.4	2003
75.4	1986	83.7	1992
75.6	1939	83.7	1995
75.6	1961	83.4	1956
76.3	1940	83.4	1974
77.2	1970	83.3	1947
77.4	1942	83.1	1994
77.6	1971	82.8	2002

OCTOBER		OCTOBER	
60.7	1941	75.4	2003
61.6	1946	74.9	1988
61.7	1971	73.5	1978
62.8	1969	72.2	1991
63.0	1982	72.1	2001
63.0	1984	72.0	1964
63.3	1949	71.9	1952
63.4	1938	71.8	1950
63.5	1972	71.6	1999
63.7	1957	71.4	1977

NOVEMBER		NOVEMBER	
46.0	1938	58.9	1995
49.0	1957	58.9	1949
49.4	1994	58.8	1999
49.5	1952	58.1	2001
49.6	1948	58.0	1976
49.7	1972	58.0	1981
50.0	1964	57.3	1962
50.1	1940	57.3	1989
50.2	2000	57.2	1954
50.3	1961	57.2	1977

DECEMBER		DECEMBER	
40.2	1990	52.7	1980
40.8	1968	51.9	1977
41.1	1948	51.2	1950
41.3	1972	49.5	2000
41.4	1971	49.2	2004
41.6	1967	48.9	1995
42.3	1951	48.8	1958
42.5	1961	48.8	1981
42.5	1987	48.7	1999
42.9	1978	48.6	1946

DESERT HEAT STATISTICS

90 DEGREE DAYS

(AVG PER MONTH) 1971-2000	MOST EVER 1937-2004	LEAST EVER 1937-2004
MAR.....0.0	3...2004	
APR.....3.5	14...1946	0...MANY TIMES
MAY.....15.0	27...2001	3...1953
JUN.....26.3	30...MANY TIMES	19...1998/1963
JUL.....30.3	31...MANY TIMES	28...1984
AUG.....29.8	31...MANY TIMES	24...1983
SEP.....22.2	30...1979/1947	11...1986
OCT.....6.0	19...1991	0...MANY TIMES

AVG 90 DEGREE DAYS PER YEAR....133.1

NORMAL 90 DEGREE DAYS EXTEND FROM
.....MAY 22ND TO SEP 27TH.....

90 DEGREE DAYS IN A YEAR (1937-2004)

MOST	LEAST
158.....1940/1937	102.....1998
157.....1958/1943	110.....1982
	111.....1983
	117.....1941

100 DEGREE DAYS

(AVG PER MONTH) 1971-2000	MOST EVER 1937-2004	LEAST EVER 1937-2004
MAY.....2.2	14...1947	0...MANY TIMES
JUN.....15.8	25...1974	1...1965
JUL.....25.0	31...1988 (MOST RECENT)	15...1999
AUG.....21.8	31...1985 (MOST RECENT)	14...1984 (MOST RECENT)
SEP.....7.5	22...1943	0...1972 (MOST RECENT)
OCT.....0.1	2...1980	0...MANY TIMES

AVG 100 DEGREE DAYS PER YEAR.....72.4

NORMAL 100 DEGREE DAYS EXTEND FROM
.....JUN 17TH TO AUG 28TH.....

100 DEGREE DAYS IN A YEAR (1937-2004)

MOST	LEAST
100.....1947	44.....1965
95.....1948/1946	55.....1992/1941

DESERT HEAT STATISTICS (CONT)

105 DEGREE DAYS (AVG PER MONTH) 1971-2000	MOST EVER 1937-2004	LEAST EVER 1937-2004
MAY.....0.4	MAY....4/1947	MAY....0 (NMRS TIMES)
JUN.....7.6	JUN...17/1985/1940	JUN....0/1969/1965
JUL....15.8	JUL...28/1942	JUL....5/1955
AUG....10.5	AUG...23/1969	AUG....1/1968
SEP.....1.9	SEP...11/1948/1945	SEP....0 (NMRS TIMES)

AVG 105 DEGREE DAYS PER YEAR....36.2
MAXIMUM.....61 IN 1940

110 DEGREE DAYS (AVG PER MONTH) 1971-2000	MOST EVER 1937-2004	LEAST EVER 1937-2004
JUN.....1.8	JUN...10/1961/1940	SEVERAL YEARS
JUL.....5.1	JUL...17/1942	NEVER REACHED
AUG.....1.9	AUG...10/1937	
SEP.....0.*	SEP....3/1947	

AVG 110 DEGREE DAYS YEAR.....8.8 * OCCURRED ONCE IN 30 YEARS
MAXIMUM.....29 IN 1940

115 DEGREE DAYS (AVG PER MONTH) 1971-2000	MOST EVER 1937-2004	AVG HOTTEST HIGH FOR THE SUMMER (JUN-SEP) (1937-2004)
JUN.....0.1	JUN....3/1994/1940	**.....113.....**
JUL.....0.4	JUL....3/1942	
AUG.....0.1	AUG....3/1979	

AVG 115 DEGREE DAYS PER YEAR.....0.6
MAXIMUM......5 IN 1940

AVG HOTTEST HIGH (BY MONTH) (1937-2004)		HIGHEST AVERAGE DAILY TEMPERATURE (1937-2004)
JAN.....68	JUL....113	102....7/11/2003
FEB.....75	AUG....110	102....7/13/2003
MAR.....83	SEP....105	102....6/30/1994
APR.....92	OCT.....94	102....7/08/1989
MAY....101	NOV.....79	101....7/22/2003*
JUN....110	DEC.....68	

*occurred other years

DESERT HEAT STATISTICS (CONT)

CONSECUTIVE DAYS 90 DEGREES OR HOTTER

118.....5/07-9/01/1940
114.....5/29-9/19/1956
109.....5/26-9/11/1994

CONSECUTIVE DAYS 100 DEGREES OR HOTTER

66......6/27-8/31/1944
46......6/20-8/04/1988
45......7/01-8/14/1971

CONSECUTIVE DAYS 105 DEGREES OR HOTTER

21......7/18-8/07/2000
21......7/25-8/14/1977
21......6/22-7/12/1973

CONSECUTIVE DAYS 110 DEGREES OR HOTTER

10.....6/17-6/26/1961
9......7/15-7/23/1978
9......7/09-7/17/1961

CONSECUTIVE DAYS 115 DEGREES OR HOTTER

3......6/28-6/30/1994
3......6/30-7/02/1950
3......7/22-7/24/1942

EARLIEST DAY WITH READING

80 OR HIGHER.....2/01/2003
90 OR HIGHER.....3/20/2004
100 OR HIGHER.....5/01/1947
110 OR HIGHER.....6/08/1955
115 OR HIGHER.....6/14/1940

LATEST DATE OF LAST...

80 OR HIGHER.....11/24/1949
90 OR HIGHER.....10/29/1950/1937
100 OR HIGHER.....10/04/1947
110 OR HIGHER.....(SEVERAL YEARS
115 OR HIGHER.....NEVER OCCURRED)

LATEST DATE OF FIRST

80 OR HIGHER.....4/23/1941
90 OR HIGHER.....5/21/1993
100 OR HIGHER.....6/30/1965
110 OR HIGHER.....(SEVERAL YEARS
115 OR HIGHER.....NEVER REACHED)

EARLIEST IN SEASON TO END WITH

80 OR HIGHER.....10/10/1957
90 OR HIGHER.....9/13/1986
100 OR HIGHER.....8/28/1961
110 OR HIGHER.....(SEVERAL YEARS
115 OR HIGHER.....NEVER REACHED)

AVERAGE DATE OF FIRST

80.....MARCH 17
90.....APRIL 20
100.....MAY 25
105.....JUNE 9
110.....JULY 1
115.....JULY 11

FROST/FREEZE DATA

CONSECUTIVE DAYS WITH LOWS 32 OR LESS

32.....1/03-2/03/1947
25.....12/28/1948-1/21/1949
22.....12/07-28/1937
22.....1/07-28/1947

HIGHS LESS THAN OR EQUAL TO 32

JAN.....5/1937
FEB-NOV...NEVER OCCURED
DEC.....1/1972

AVERAGE LOWS LESS THAN OR EQUAL TO 32...BY MONTH (1971-2000)

JAN.....9.1
FEB.....3.2
MAR.....0.6
APR.....0.* (ONCE IN 30 YEARS)
MAY-SEP..NEVER OCCURED
OCT.....0.1
NOV.....2.0
DEC.....9.0

AVERAGE...24.0

MOST LOWS AT OR BELOW FREEZING (1937-2004)

JAN.....30 IN 1949/1947
FEB.....23 IN 1939
MAR.....12 IN 1948
APR.....2 IN 1945
MAY-SEP...NEVER OCCURRED
OCT.....3 IN 1971
NOV.....21 IN 1938
DEC.....25 IN 1948

EARLIEST DATE WITH READING OF (1937-2004)

32 OR LESS.....10/21/1949
28 OR LESS.....10/30/1971
24 OR LESS.....11/07/1938

LATEST DATE IN SPRING WITH (1937-2004)

32 OR LESS.....4/12/1967
28 OR LESS.....3/31/1938
24 OR LESS.....3/06/1939

AVG DATE OF FIRST FREEZE (1971-2000)

.....11/21.....

AVG DATE OF LAST FREEZE (1971-2000)

.....3/7.....

SHORTEST FREEZE FREE PERIOD....202 DAYS (4/6/45-10/24/45)
AVERAGE FREEZE FREE PERIOD.....269 DAYS
LONGEST FREEZE FREE PERIOD.....367 DAYS (12/17/94-12/18/95)

LATEST DATE IN FALL/WINTER OF FIRST READING

32 OR LESS.....12/19/1995 and 2002
28 OR LESS.....NONE NUMEROUS YEARS
24 OR LESS.....NONE NUMEROUS YEARS

EARLIEST IN WINTER/SPRING SEASON FOR LAST READING

32 OR LESS....12/16/94
28 OR LESS.....NONE NUMEROUS YEARS
24 OR LESS.....NONE NUMEROUS YEARS

AVG COLDEST LOW (BY MONTH) (1971-2000)

JAN.....25
FEB.....29
MAR.....35
APR.....41
MAY.....49
JUN.....58
JUL.....67
AUG.....67
SEP.....57
OCT.....43
NOV.....31
DEC.....25

AVG COLDEST LOW FOR THE WINTER (NOV-FEB) (1971-2000)

.....22.....

THUNDERSTORM DAYS

AVERAGE PER MONTH (1971-2000)	MOST EVER BY MONTH (1949-2004)
JAN.....0.0	JAN.....0
FEB.....0.2	FEB.....2...2000
MAR.....0.4	MAR.....4...1992
APR.....0.5	APR.....3...1952
MAY.....1.0	MAY.....4...1992/1965
JUN.....1.0	JUN.....6...1972
JUL.....3.8	JUL.....9...1952
AUG.....3.7	AUG....12...1955
SEP.....1.5	SEP.....6...1967
OCT.....0.5	OCT.....4...1974
NOV.....0.2	NOV.....2...1959
DEC.....0.0*	DEC.....1...2003/1966

* OCCURRED TWICE IN 50 YEARS

ANNUAL AVG.....12.8

MOST THUNDERSTORM DAYS IN A MONSOON SEASON
JUNE-SEPTEMBER (1949-2004)

22.....1955
20.....1984/1967/1961
19.....1998
17.....1972

HAIL DAYS

AVG PER MONTH (1971-2000)		MOST EVER BY MONTH (1951-2004)	
JAN	0.0	JAN	0
FEB	0.0	FEB	1...1970
MAR	0.1	MAR	2...1992
APR	0.0	APR	0
MAY	0.1	MAY	1...1979/1975/1973
JUN	0.0	JUN	1...1970/1969/1967/1955
JUL	0.0	JUL	1...1960
AUG	0.1	AUG	1...2004/1989
SEP	0.1	SEP	1...1983/1972
OCT	0.0	OCT	0
NOV	0.0	NOV	0
DEC	0.0	DEC	0

ANNUAL AVG.....0.4

MOST HAIL DAYS IN MONSOON SEASON
JUNE-SEPTEMBER (1951-2004)

1.....SEVERAL OCCASIONS

WIND NORMALS...MEANS AND EXTREMES*

MEAN

JAN	WSW	7.3
FEB	WSW	8.5
MAR	SW	10.1
APR	SW	11.0
MAY	SW	11.2
JUN	S	11.2
JUL	S	10.2
AUG	S	9.7
SEP	SW	8.9
OCT	SW	8.0
NOV	SW	7.6
DEC	WSW	7.0
ANN	SW	9.2

ALL TIME WINDIEST MONTHS
(1949-2004)

JAN	11.2	1982
FEB	11.3	1986
MAR	13.8	1984
APR	14.4	1957
MAY	13.7	1955
JUN	14.5	1958
JUL	13.3	1963
AUG	13.6	1954
SEP	12.3	1986
OCT	10.5	1975
NOV	10.8	1983
DEC	10.1	1988

PEAK GUSTS BY MONTH IN MPH

JAN	WSW 58	1/24/1965
FEB	NW 73	2/19/1976
MAR	NW 82	3/21/1984
APR	W 69	4/30/1988
MAY	NW 73	5/30/1991
JUN	NNW 67	6/07/1964
JUL	S 75	7/14/1991
AUG	SE 90	8/08/1989
SEP	SE 73	9/04/1973
OCT	SW 71	10/23/1956
NOV	S 70	11/20/1983
DEC	W 68	12/05/1951

* PREVAILING WIND DIRECTION TO NEAREST CARDINAL COMPASS POINT.
WIND NORMAL...MEANS AND EXTREMES ARE IN MILES PER HOUR.

10 WINDIEST MONTHS BY MONTH (MPH)

JAN

11.2.....1982
9.5.....1980
9.3.....1957
9.2.....1989
8.9.....1975/1973/1962
8.8.....1987
8.3.....1997/1990/1965

FEB

11.3.....1986
11.0.....1955
10.9.....1956
10.7.....1989
10.3.....1990/1960
10.2.....1984/1962
9.9.....1977/1964

MAR

13.8.....1984
13.5.....1977
13.1.....1985
13.0.....1989/1975
12.3.....1954
12.0.....1982
11.9.....1957
11.5.....1983
11.3.....1986/1976

APR

14.4.....1957
13.9.....1963
13.8.....1955
13.4.....1983
13.3.....1986
12.8.....1972
12.7.....1984/1973
12.6.....1964
12.3.....1956

MAY

13.7.....1955
13.6.....1956
13.4.....1990/1989
13.1.....1985
12.9.....1998
12.7.....1962
12.6.....1957
12.5.....1963/1961/1959

JUN

14.5.....1958
13.6.....1980
13.4.....1963
13.3.....1978/1954
12.8.....1989
12.7.....1990/1976
12.6.....1956
12.4.....1997/1981

JUL

13.3.....1963
12.8.....1983/1958
12.6.....1981
12.5.....1955
12.3.....1972
12.2.....1989
12.1.....1957
11.8.....1988
11.7.....1977

AUG

13.6.....1954
12.1.....1957
12.0.....1962
11.8.....1976
11.7.....1989/1956
11.4.....1985
11.3.....1995/1960
10.7.....1963
10.5.....1990 MOST RECENTLY

10 WINDIEST MONTHS BY MONTH (CONT)

SEP

12.3.....1986
12.0.....1954
11.1.....1989
11.0.....1985/1955
10.7.....1977
10.3.....1956
10.2.....1964
10.0.....1963
 9.8.....1981

OCT

10.5.....1975
10.4.....1956
10.2.....1981/1973
10.0.....1984/1961
 9.9.....1989
 9.7.....1962
 9.3.....1979
 9.1.....1985

NOV

10.8.....1983
10.4.....1973
10.1.....1994/1988
10.0.....1985
 9.9.....1975
 9.3.....1964
 9.0.....1982/1981/1980/1961

DEC

10.1.....1988
 9.5.....1982
 9.1.....1972
 8.8.....1987
 8.6.....1975/1967/1959
 8.5.....1997/1971
 8.4.....1998

HEATING/COOLING DEGREE DAYS

NORMALS (1971-2000)
HDD/CDD

JAN.....574/0
FEB.....375/0
MAR.....244/20
APR.....83/98
MAY.....16/323
JUN.....0/602
JUL.....0/796
AUG.....0/739
SEP.....0/474
OCT.....57/157
NOV.....318/4
DEC.....571/0

ANNUAL HDD...2238
CDD...3213

MOST/LEAST CDD (1937-2004)

JAN.....NEVER OCCURRED

FEB.....20...1986
0...NUMEROUS YEARS
MAR.....124...2004
0...SEVERAL YEARS
APR.....259...1989
2...1975
MAY.....541...2001
108...1953
JUN.....768...1994
387...1944
JUL.....930...2003
685...1987
AUG.....880...1995
566...1941
SEP.....614...1979
252...1941
OCT.....335...2003
16...1946
NOV.....31...1988
0...NUMEROUS YEARS
DEC.....NEVER OCCURRED

MOST/LEAST HDD EVER (1937-2004)

JAN.....1040...1937
331...2003
FEB.....658...1939
170...1995
MAR.....447...1952
71...2004
APR.....261...1967
7...1992
MAY.....72...1964
0...MANY TIMES
JUN.....8...1993
0...MANY TIMES
JUL.....NEVER OCCURED

AUG.....NEVER OCCURED

SEP.....15...1965
0...MANY TIMES
OCT.....207...1971
0...2001/1988/1944
NOV.....563...1938
151...1995
DEC.....761...1990
374...1980

SNOW (1937-1996)***

NORMALS (1971-1996)

JAN.....0.9
FEB.....0.1
MAR.....0.*
APR-SEP.....NEVER OCCURRED
OCT.....0.0
NOV.....0.0
DEC.....0.*
* LESS THAN 0.1
ANNUAL AVERAGE.....1.0

MOST EVER BY MONTH (1937-1996)

16.7.....JAN/1949
4.1.....FEB/1939
0.1.....MAR/1976

TRACE...OCT/1956
4.0.....NOV/1964
2.0.....DEC/1967

6 SNOWIEST MONTHS

16.7.....1/1949
13.4.....1/1974
9.9.....1/1979
4.1.....2/1939
4.0.....11/1964
2.0.....12/1967

MOST SNOW IN 24 HOURS

9.0.....1/4-5/1974
7.5.....1/30-31/1979
5.0.....1/11-12/1949
4.4.....1/1/1974
4.1.....2/3-4/1939
4.0.....11/15-16/1964

GREATEST SNOW DEPTHS (INCHES)

8.....1/5/1974
7.....1/12/1949
6.....1/31/1979

MOST SNOW IN A SEASON

16.7....1948/49
13.4....1973/74
10.2....1978/79
4.1....1938/39
4.0....1964/65

BIGGEST SNOW STORMS

9.7.....1/10-12/1949
9.0.....1/4-5/1974
7.8.....1/30-2/2/1979
4.7.....1/25/1949
4.4.....1/1/1974
4.1.....2/3-4/1939
4.0.....11/15-16/1964
2.4.....1/28/1979
2.3.....1/19-20/1949
2.0.....12/15/1967
1.5.....1/12/1937 AND 1/7/1955
1.4.....2/19/1990
1.0.....1/20/1945...1/29/1957

CONSECUTIVE SNOW DAYS
(TRACE OR MORE)
5.....1/9-13/1949
5.....1/4-8/1974

CONSECUTIVE SNOW DAYS
(MEASURABLE)
3.....1/11-13/1949
3.....1/30-2/1/1979

EARLIEST SNOW EVER (Trace or Measurable)

11/15/1964.....3.0" (1" more on the 16th)

LATEST SNOW EVER

Trace.....4/4/58
Measurable.....3/3/76.....0.1"

***Starting in 1996...snowfall and snow depth measurements were no longer officially recorded at McCarran International Airport.

NWS Forecast Office-LAS VEGAS SNOWFALL (1997-2004)

1.3...12/30/2003
1.0...12/06/1998

NORMAL SUNSHINE
(1971-1994)

(PERCENT OF POSSIBLE)

JAN	77
FEB	81
MAR	83
APR	87
MAY	88
JUN	93
JUL	88
AUG	88
SEP	91
OCT	87
NOV	81
DEC	78

ANNUAL AVG.....85

SUNSHINE (CONT)

SUNNIEST MONTHS ALL TIME
(PERCENT OF POSSIBLE, 1951-1994)

JAN

95.....1984/1976
92.....1972
91.....1971

FEB

94.....1984
93.....1964/1954
92.....1974/1972/1956

MAR

97.....1972
96.....1988/1953
95.....1956/1990

APR

97.....1974
96.....1981/1969
94.....1989/1966

MAY

98.....1984
95.....1976/1970/1952

JUN

98.....1974 MOST RECENTLY

JUL

99.....1993
96.....1995/1983/1963
95.....1972/1971/1958

AUG

98.....1976/1985
97.....1980/1956/1952
95.....1978/1966

SEP

100.....1970
99......1955
98......1993

OCT

96.....1976/1967
95.....1980/1973
93.....1991/1989/1964/1954

NOV

98.....1956
96.....1988
95.....1976

DEC

96.....1976
94.....1963
94.....1988

ALL TIME SUNNIEST YEARS
(IN PERCENTAGE OF POSSIBLE)

93.....1976
92.....1989
91.....1956

CLOUDIEST MONTHS AND YEARS

(IN PERCENTAGE OF POSSIBLE SUNSHINE, 1951-1994)

JAN	FEB
53.....1979	61.....1983
54.....1978	62.....1973
MAR	**APR**
64.....1958	73.....1965
70.....1973/1975	76.....1952
73.....1952	76.....1957
MAY	**JUN**
72.....1977	80.....1977
77.....1994/1957	84.....1965
77.....1951	86.....1972
JUL	**AUG**
75.....1984	74.....1955
76.....1954	76.....1982
78.....1970	78.....1971
SEP	**OCT**
75.....1963	55.....1972
78.....1967	70.....1987
79.....1989	71.....1951
NOV	**DEC**
69.....1982	61.....1983
70.....1972	63.....1971
71.....1964	64.....1977

ALL TIME CLOUDIEST YEARS
(IN PERCENTAGE OF POSSIBLE SUNSHINE)
(1951-1994)

78.....1957
80.....1986
81.....1965

RELATIVE HUMIDITY

AVERAGE RELATIVE HUMIDITY (IN PERCENTAGE)

LOCAL TIME	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
HOUR 04	57	52	47	35	33	24	28	33	34	38	45	52	40
HOUR 10	43	38	32	23	20	15	20	23	23	26	32	38	28
HOUR 16	33	28	24	17	15	11	15	18	18	20	26	31	21
HOUR 22	51	45	39	27	24	17	21	25	26	30	39	46	32

NORMALS (VISIBILITIES 1/4 MILES OR LESS)
(1971-2000)

JAN	0.3
FEB	0.1
MAR	0.1
APR	0.0
MAY	0.0
JUN	0.0
JUL	0.0
AUG	0.0
SEP	0.*
OCT	0.0
NOV	0.1
DEC	0.1

ANNUAL AVG...0.7
* OCCURRED ONCE IN 30 YEARS

NORMAL FOG DAYS (<= 5/8 MILE)
(1971-2000)

JAN	1.2
FEB	0.8
MAR	0.4
APR	0.1
MAY	0.*
JUN	0.0
JUL	0.*
AUG	0.1
SEP	0.*
OCT	0.1
NOV	0.3
DEC	0.7

ANNUAL AVG.....3.7
*OCCURRED ONCE IN 30 YEARS

FOGGIEST MONTHS (<= 5/8 MILE)
(1971-2004)

JAN	5 IN 1980
FEB	5 IN 1980
MAR	3 IN 1992/1981
APR	2 IN 1988
MAY	1 IN 1987/1977
JUN	0
JUL	1 IN 1984
AUG	1 IN 1983/1979
SEP	1 IN 1983
OCT	1 IN 1992/1987/1978
NOV	3 IN 1987
DEC	5 IN 1984

PRESSURE

ALL TIME HIGHEST (BY MONTH) (1937-2004)		ALL TIME LOWEST (BY MONTH) (1937-2004)	
JAN	30.76...1979	JAN	29.37...1944
FEB	30.77...2002	FEB	29.31...1987
MAR	30.61...1971	MAR	29.25...1984
APR	30.39...1971/1963	APR	29.24...1954
MAY	30.55...1966	MAY	29.28...1975
JUN	30.24...1981	JUN	29.18...1947
JUL	30.18...1988	JUL	29.40...1999
AUG	30.18...1981	AUG	29.44...1984
SEP	30.29...1970	SEP	29.31...2000
OCT	30.55...1981	OCT	29.35...1994
NOV	30.72...1969	NOV	29.18...1982
DEC	30.80...1967	DEC	29.17...1949

ALL TIME HIGHEST.....30.80...12/1967
ALL TIME LOWEST......29.17...12/1949

HOLIDAY WEATHER
(1937-2004)

NEW YEAR HOLIDAY (JANUARY 1ST)

AVERAGE HIGH/LOW.....56/35

RECORD HIGH.....69 IN 1981
RECORD LOW......21 IN 1954

MOST SNOW EVER.......4.4 INCHES IN 1974
MOST PRECIPITATION...0.43 IN 1974

DAYS OF MEASURABLE PRECIPITATION.....1
DAYS WITH ANY PRECIPITATION.........3

MEMORIAL DAY WEEKEND

AVERAGE HIGH/LOW.....93/67

4TH OF JULY

AVERAGE HIGH/LOW.....103/77

RECORD HIGH.....115 IN 1985
RECORD LOW.......60 IN 1941

MOST PRECIPITATION EVER.....0.16 IN 1949

DAYS OF MEASURABLE PRECIPITATION.....2
DAYS WITH ANY RAIN..................3

LABOR DAY WEEKEND

AVERAGE HIGH/LOW.....99/70

HALLOWEEN

AVERAGE HIGH.....73/50

RECORD HIGH.....86 IN 1988
RECORD LOW......30 IN 1971

MOST PRECIPITATION EVER.....0.25 IN 1987

DAYS OF MEASURABLE PRECIPITATION.....6
DAYS WITH ANY RAIN..................7

THANKSGIVING

AVERAGE HIGH/LOW.....64/40

HOLIDAY WEATHER (CONT)

CHRISTMAS

AVERAGE HIGH/LOW.....56/36

RECORD HIGH.....69 IN 1964
RECORD LOW......17 IN 1948

MOST PRECIPITATION EVER.....0.66 IN 1994
MOST SNOW EVER.....TRACE IN 1941 AND 1988

DAYS WITH MEASURABLE PRECIPITATION.....7
DAYS WITH ANY RAIN OR SNOW.............11

CONSECUTIVE DAYS TEMPERATURES ABOVE/BELOW NORMAL

RECORD DAYS BELOW NORMAL

46 days (12/27/1948 - 2/10/1949)
42 days (7/07/1999 - 8/17/1999)

RECORD DAYS ABOVE NORMAL

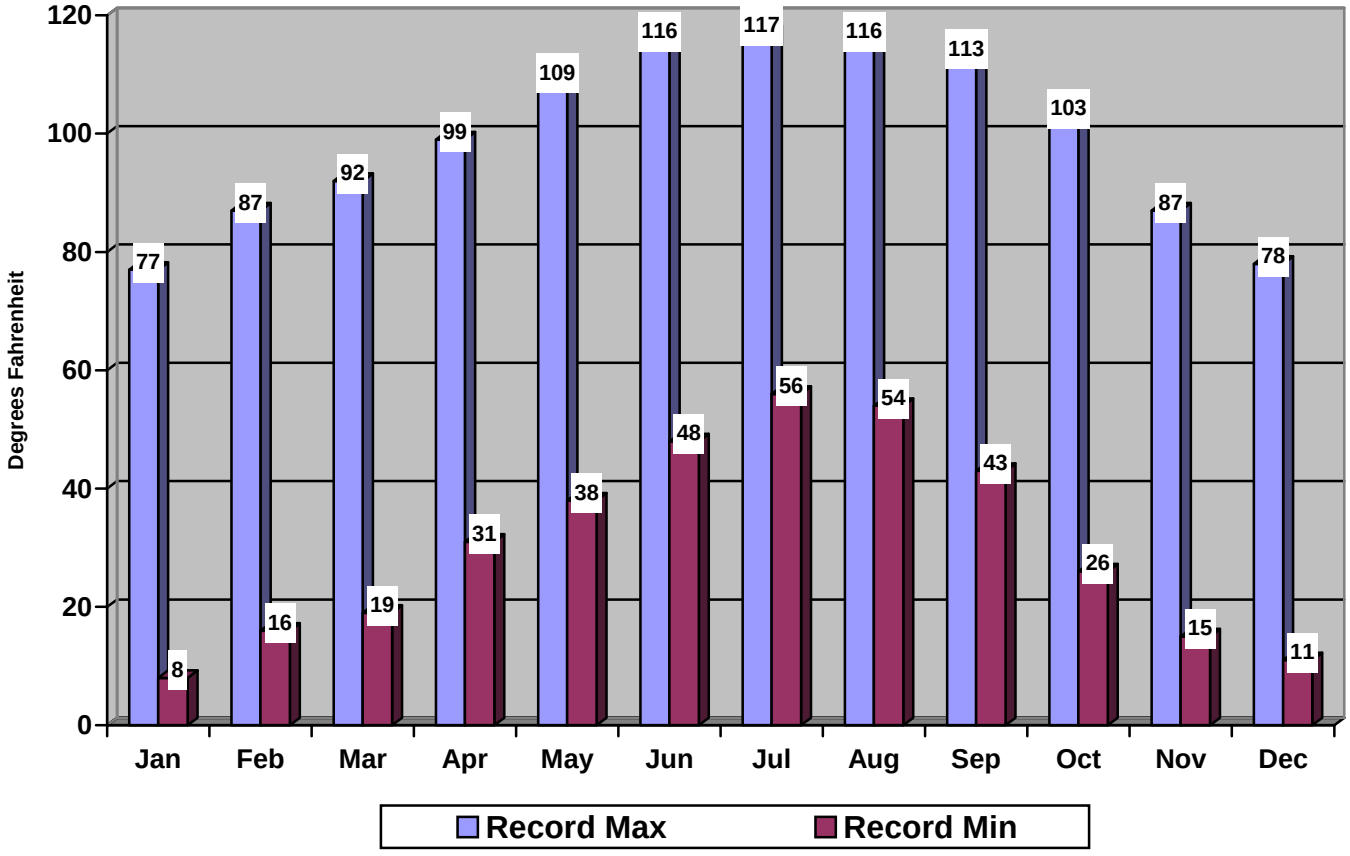
45 days (12/15/1985 - 1/29/1985)

ACKNOWLEDGMENTS

I would like to thank the staff at NWSO Las Vegas for their encouragement and help during this project. I would like to also thank MIC Kim Runk and Stanley Czyzyk, SOO, for their review, comments, and guidance on completing this Technical Memorandum.

We would like to thank all the observers down through WSO Las Vegas' existence. It is fascinating looking back at our historical database to see how detailed the records were 60 or more years ago.

Record Max/Min Temperature



Las Vegas, NV

Figure 1. Record Maximum/Minimum Temperature in Las Vegas. (1937-1948 at Nellis) (1949-2004 at McCarran).

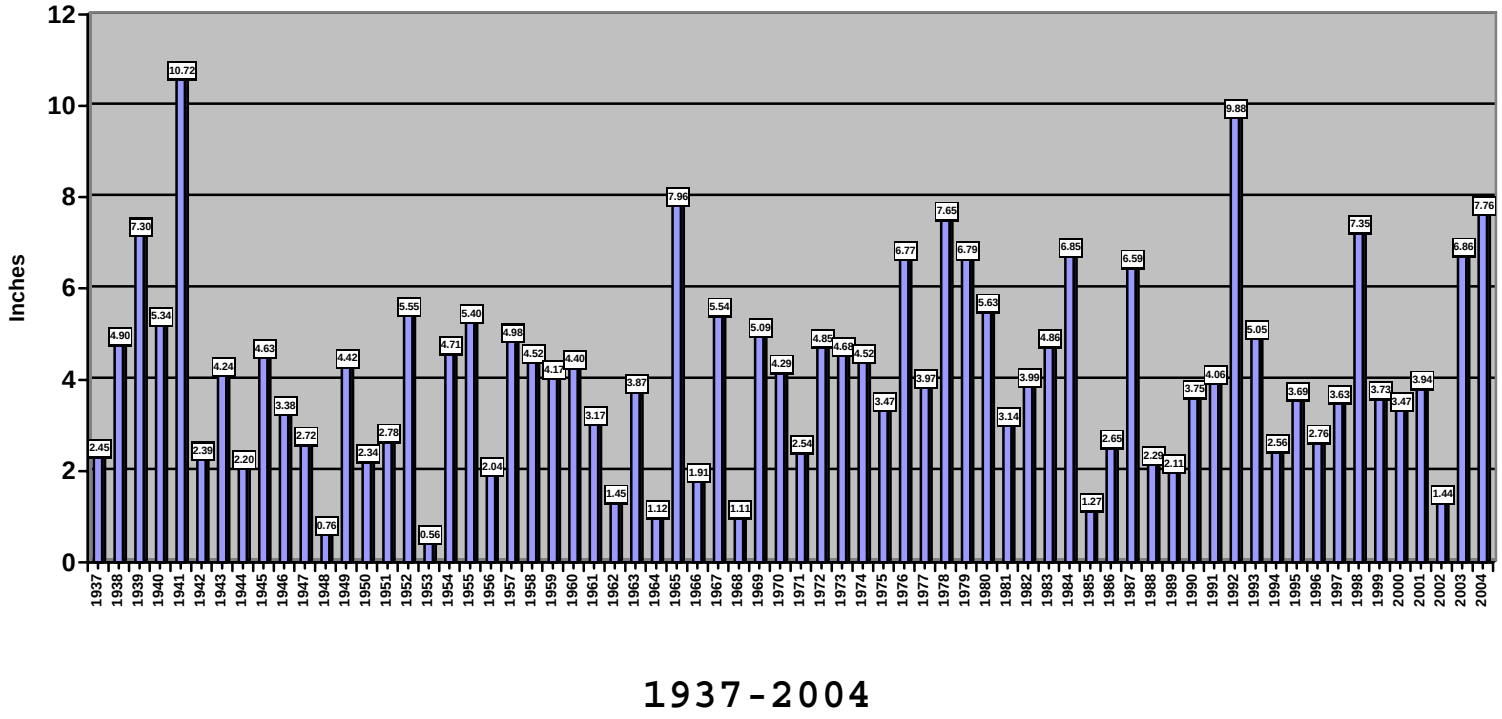


Figure 2. Annual Precipitation (in inches) at Las Vegas, NV (1937-1948 at Nellis)(1949-2004 at McCarran).

Average RH

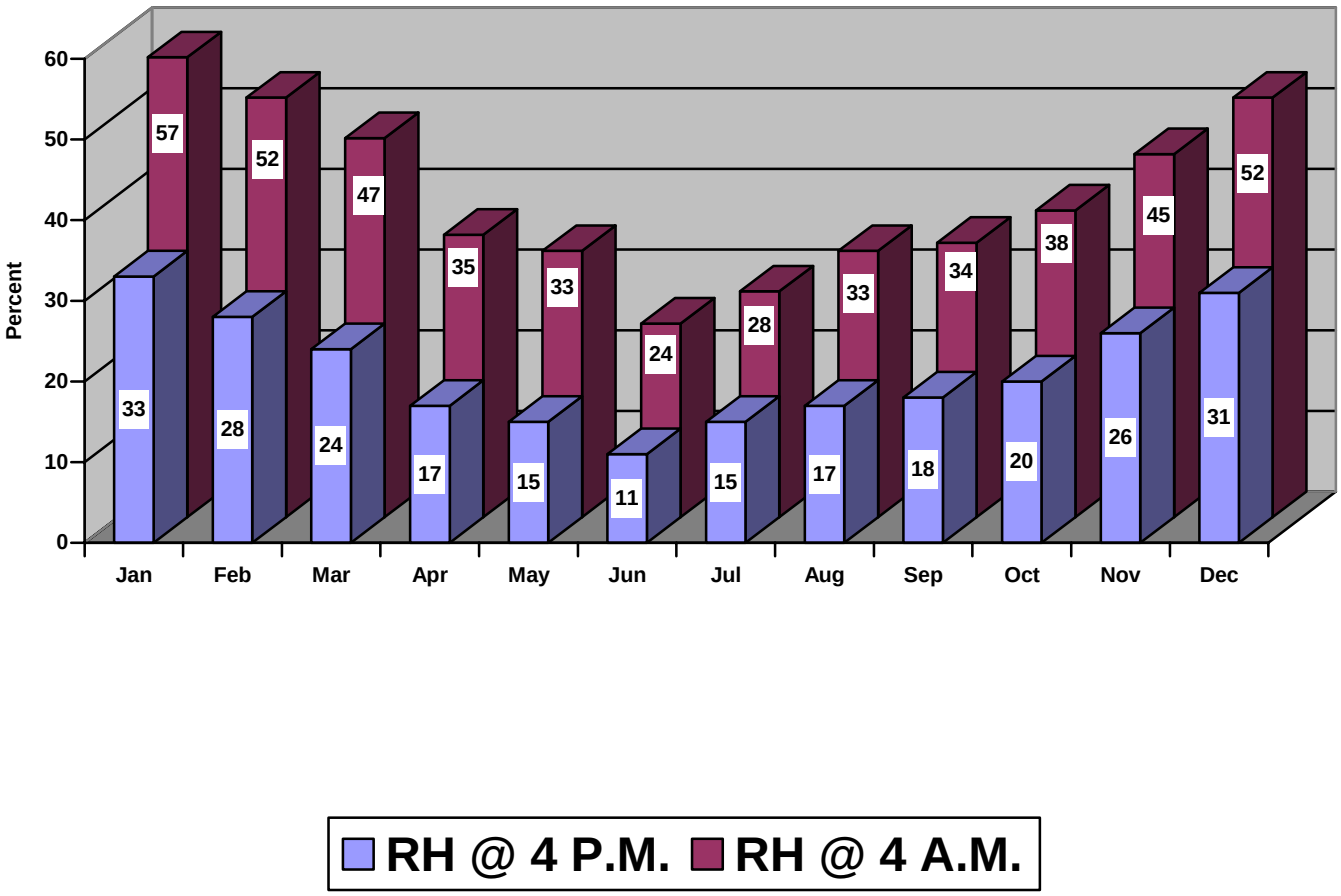
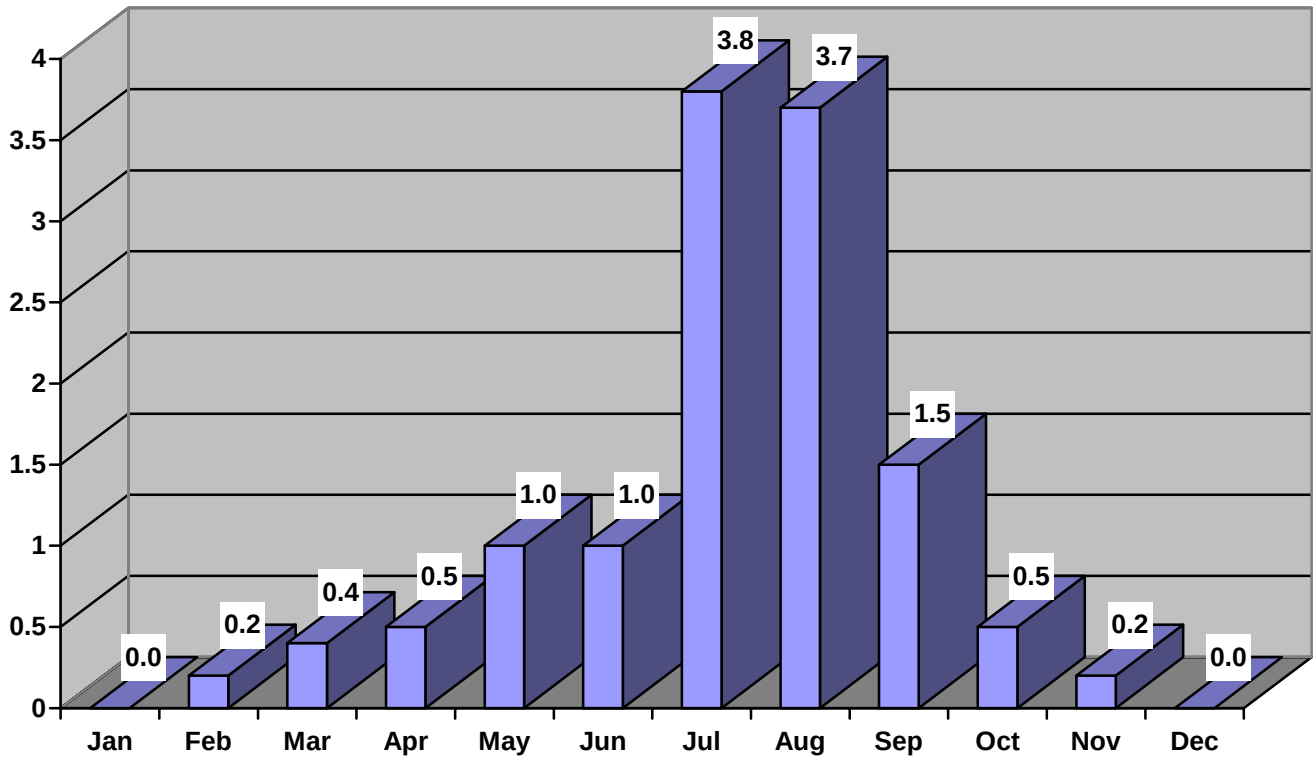


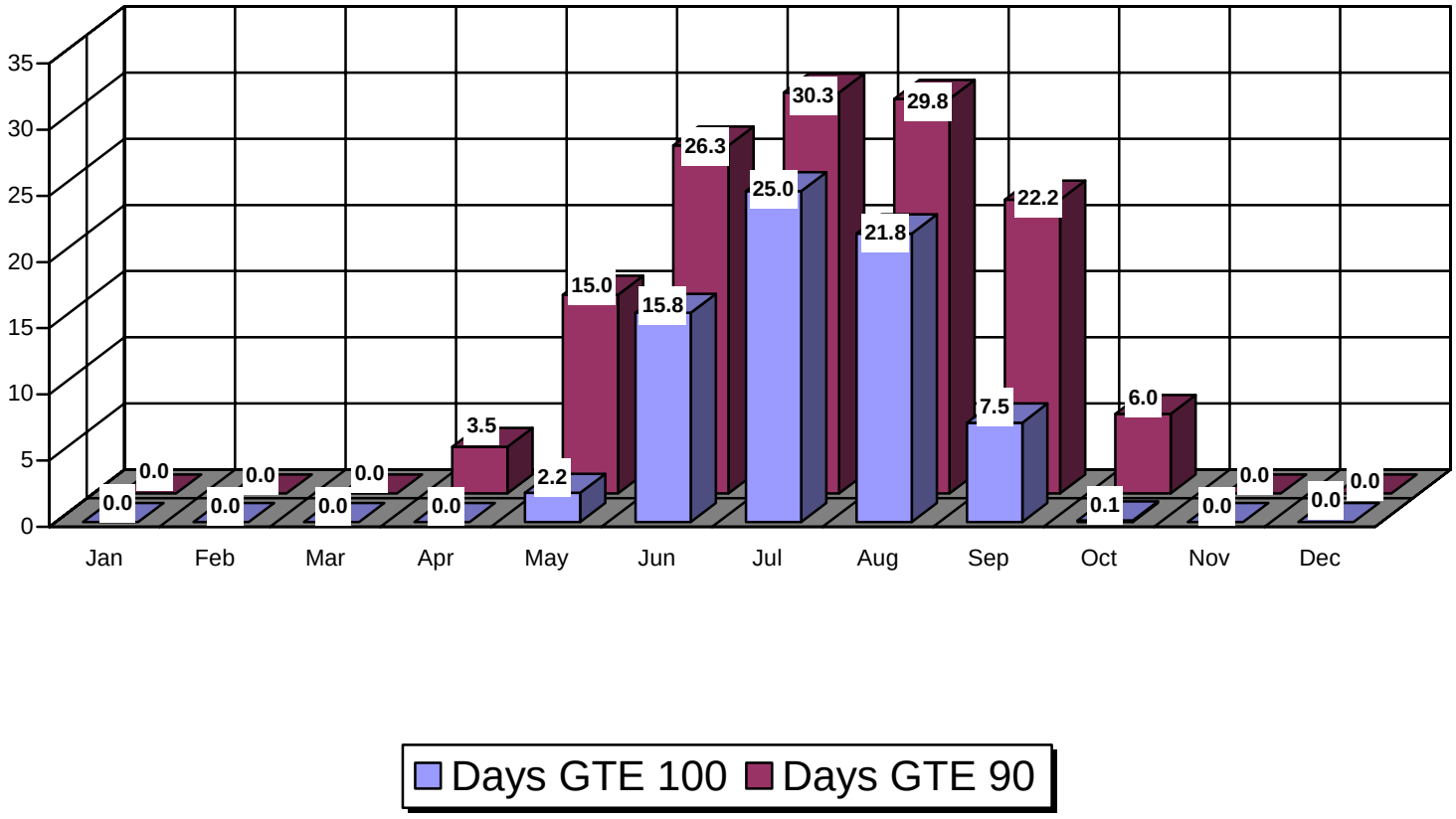
Figure 3. Average Relative Humidity at 4:00 a.m. and 4:00 p.m. PST for McCarran International Airport, Las Vegas, NV (1971-2000).



Las Vegas, NV

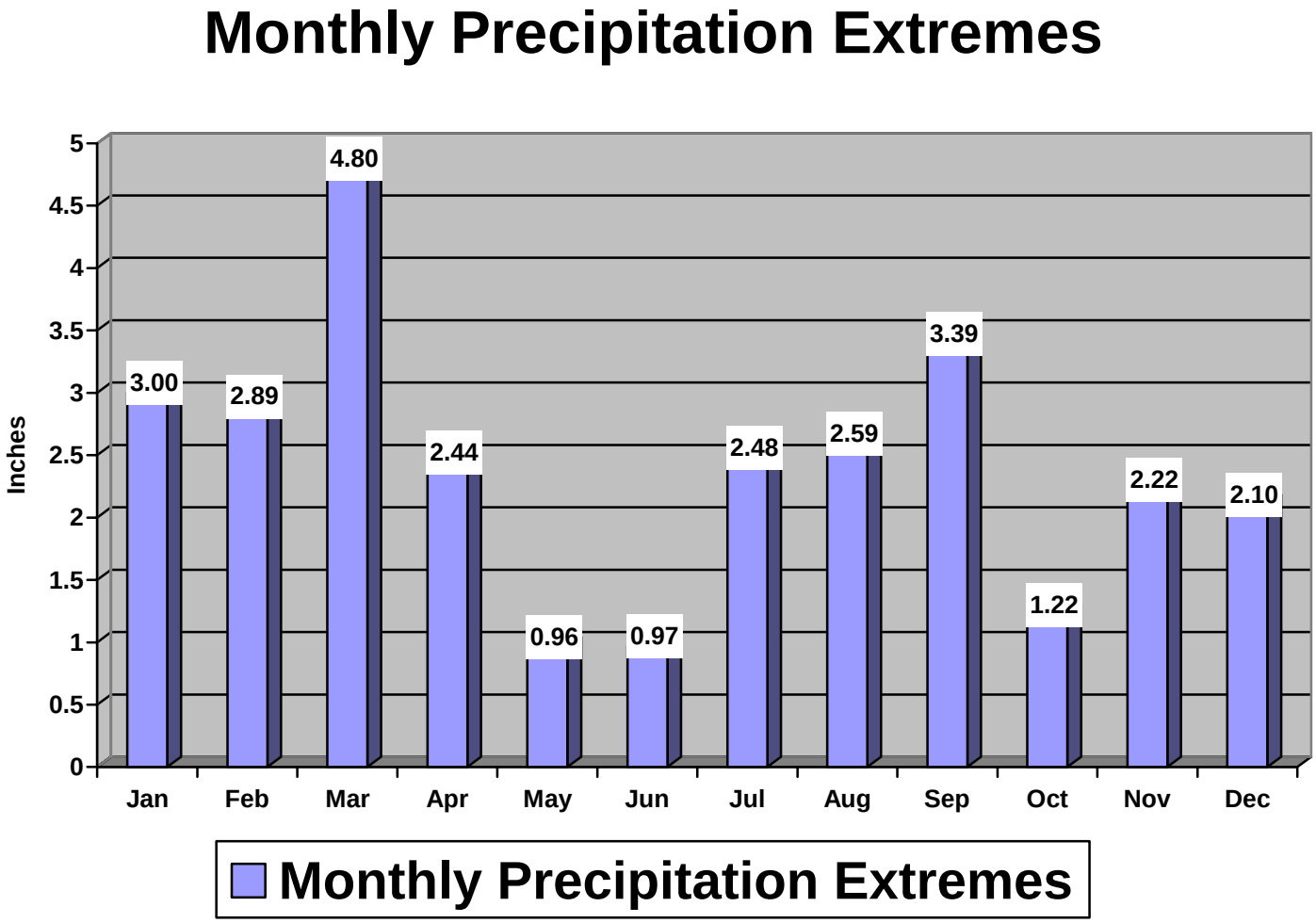
Figure 4. Average Number of Thunderstorm Days for McCarran International Airport, Las Vegas, NV. (1971-2000).

Avg 90/100 Degree Days



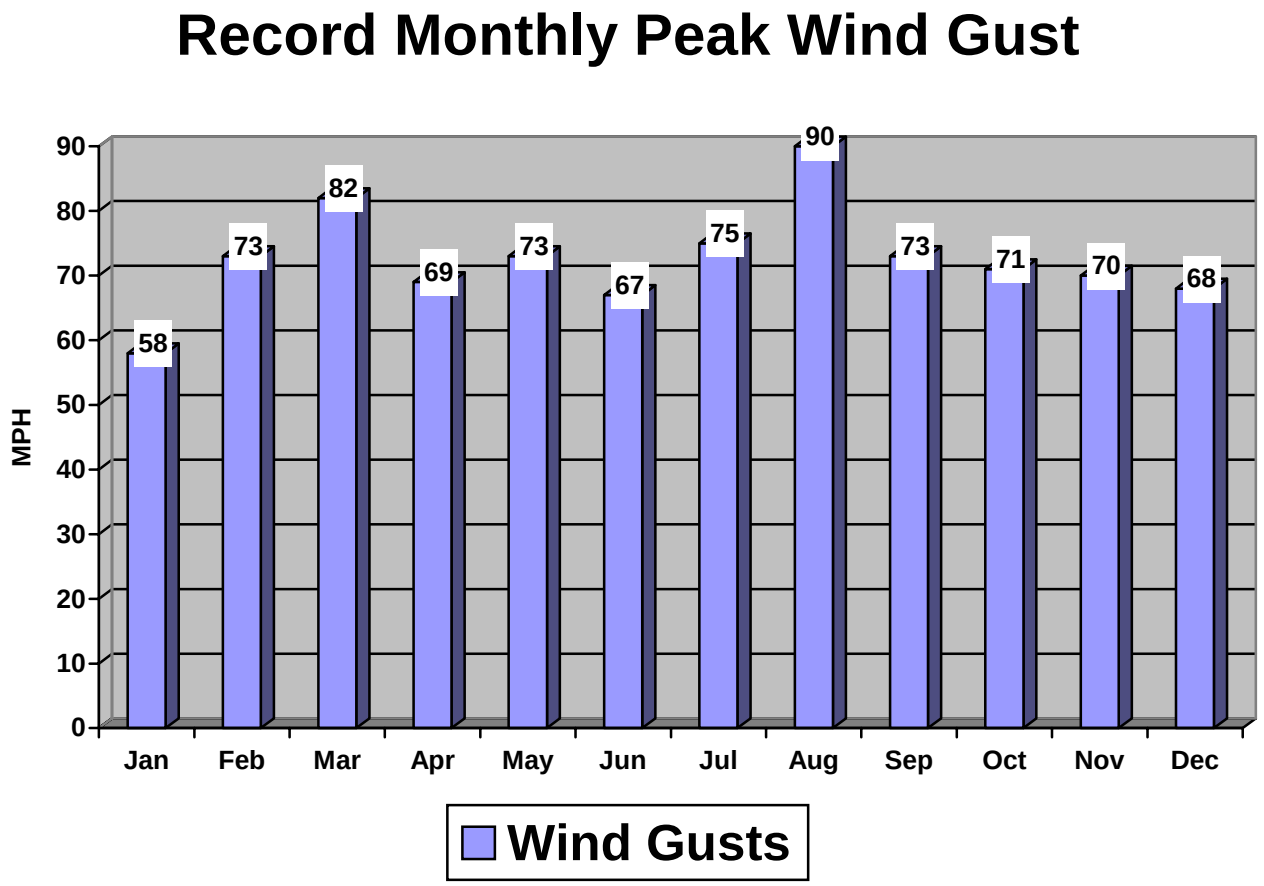
Las Vegas, NV

Figure 5. Average number of 90 and 100 degree days at McCarran International Airport, Las Vegas, NV (1971-2000).



Las Vegas, NV

Figure 6. Monthly Precipitation Extremes for Las Vegas. (1937-1948 at Nellis) (1949-2004 at McCarran).



Las Vegas, NV

Figure 7. Peak Wind Gusts per Month recorded at McCarran International Airport, Las Vegas, NV.

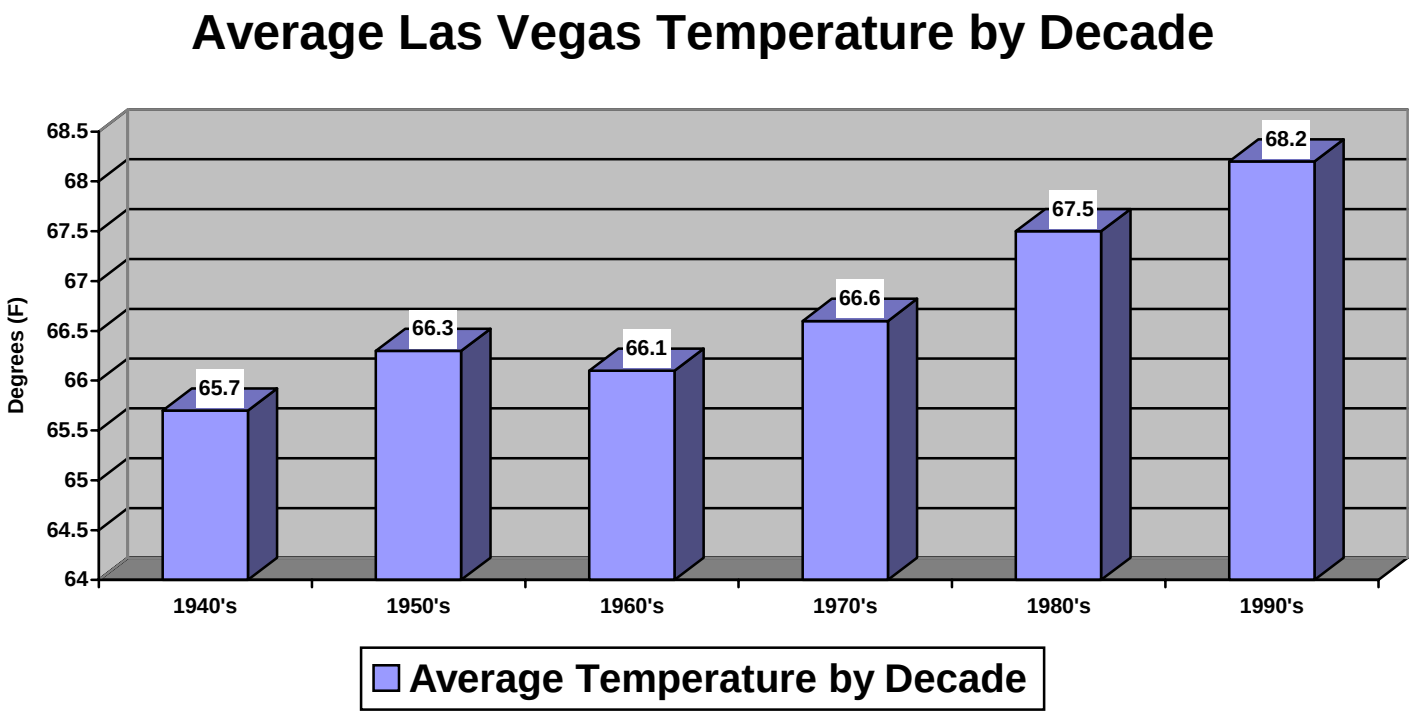


Figure 8. Average yearly Las Vegas temperature by decade recorded at McCarran International Airport, Las Vegas, NV.

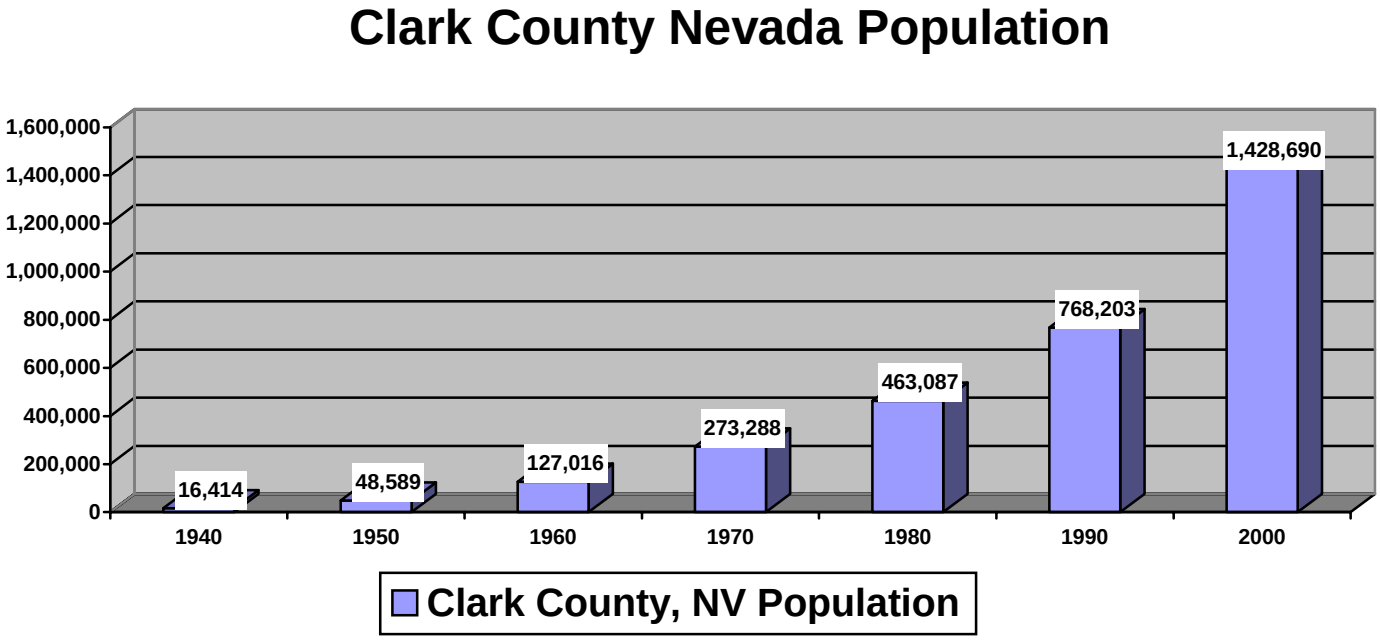


Figure 9. Population of Clark County, NV.

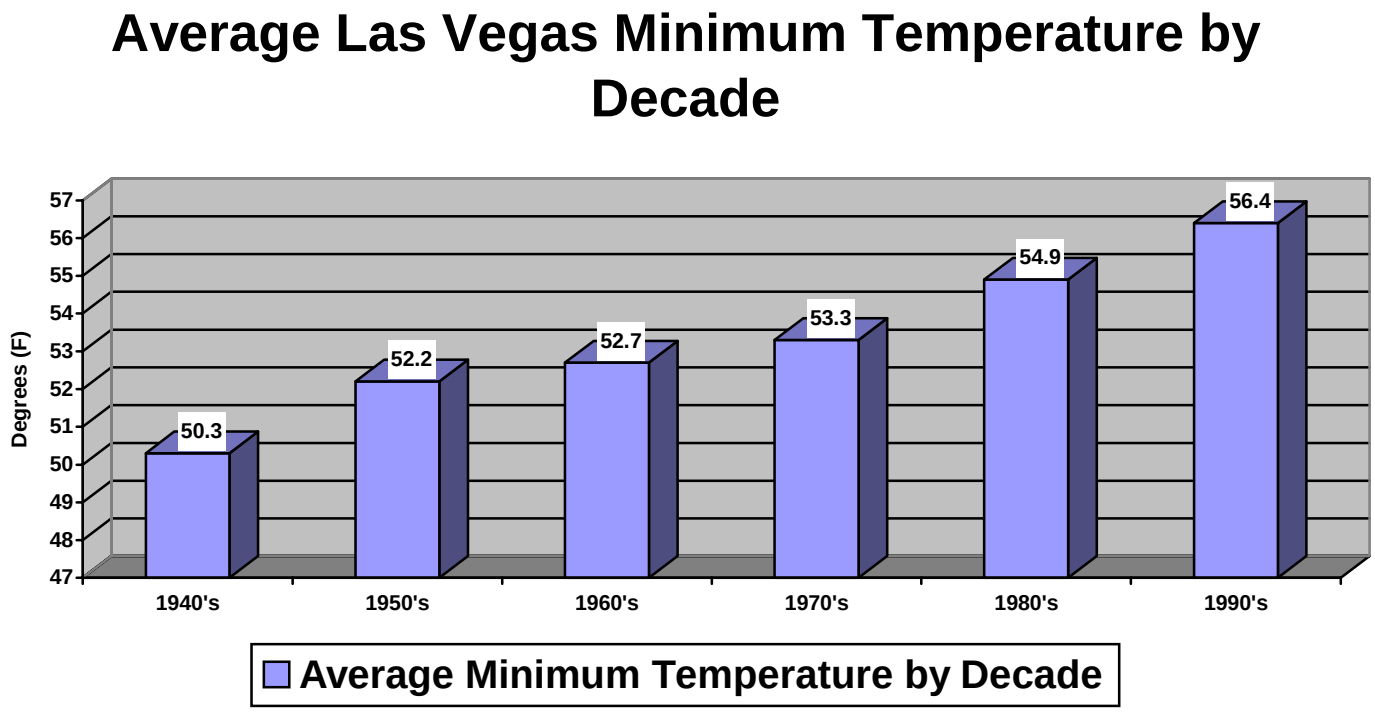


Figure 10. Average yearly Las Vegas minimum temperature by decade recorded at McCarran International Airport, Las Vegas, NV.

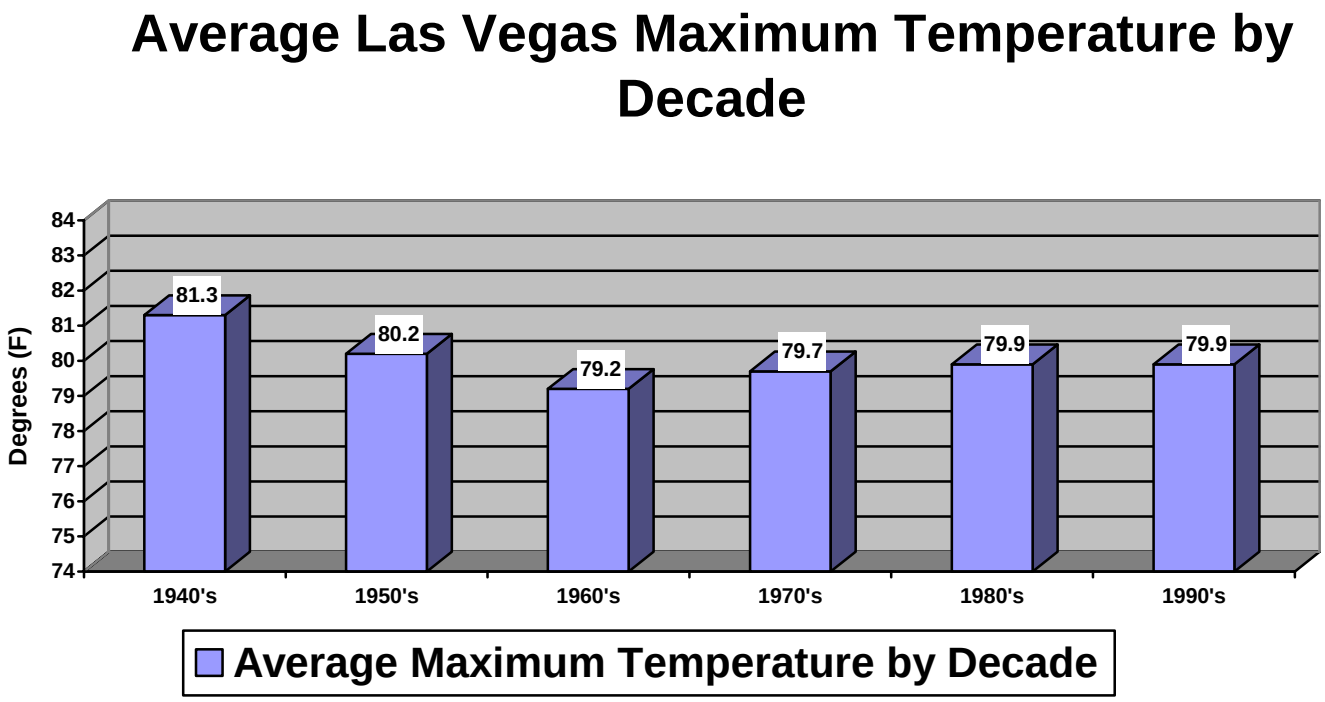


Figure 11. Average yearly Las Vegas maximum temperature by decade recorded at McCarran International Airport, Las Vegas, NV.

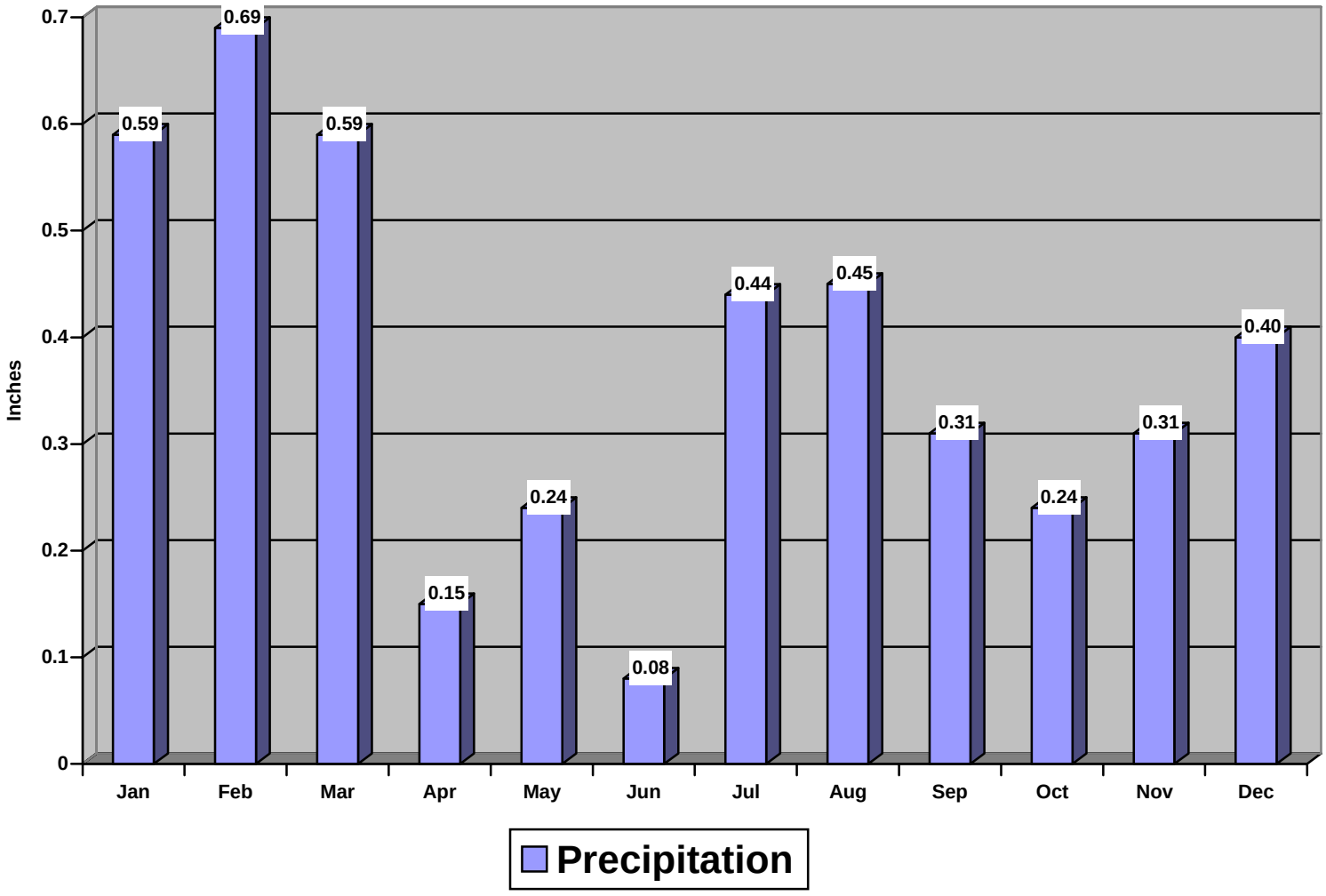


Figure 12. Normal Monthly Las Vegas Precipitation (1971-2000). Official readings taken at McCarran International Airport.

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